

FIG. 1A

FIG. 1B

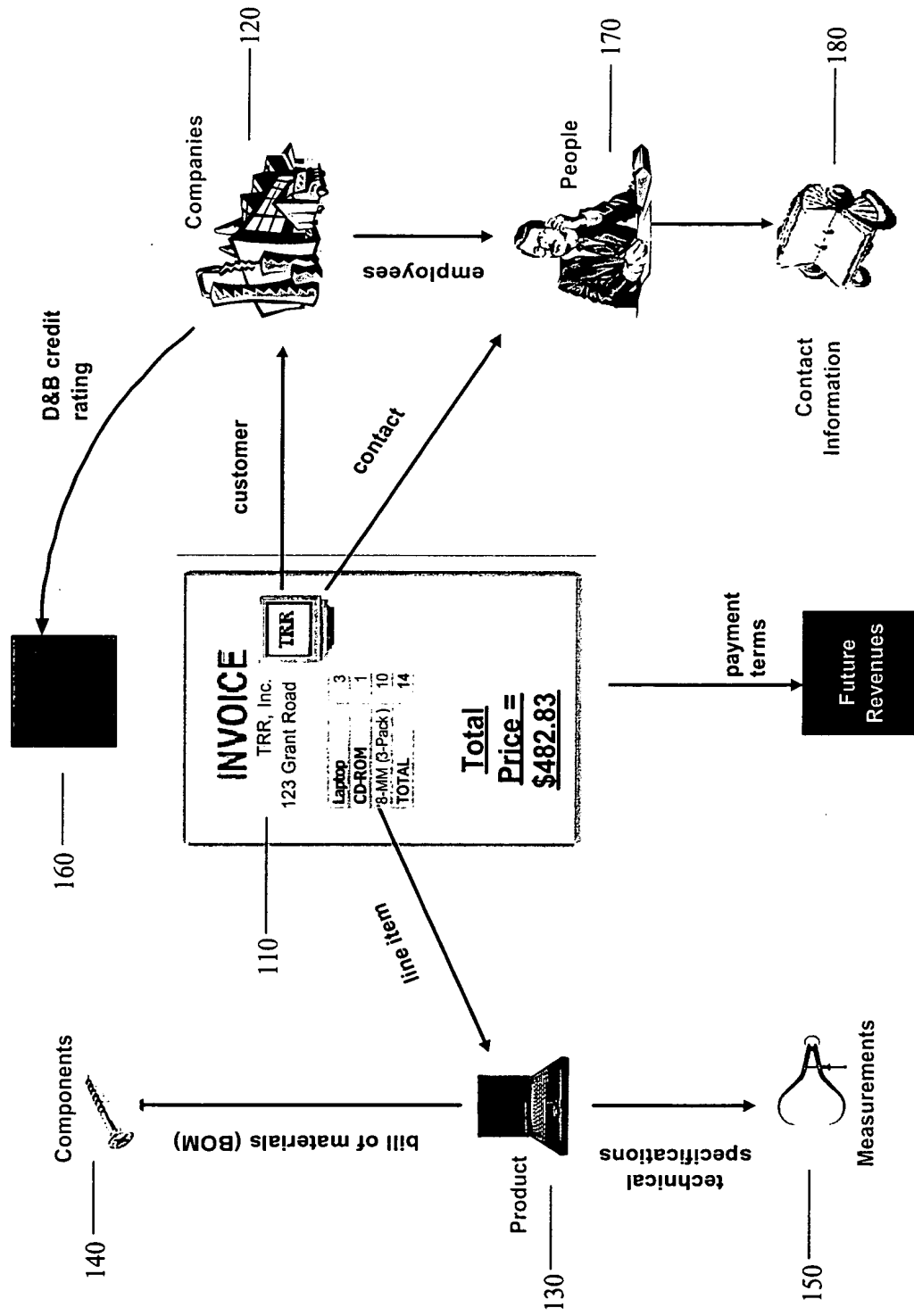


FIG. 1B

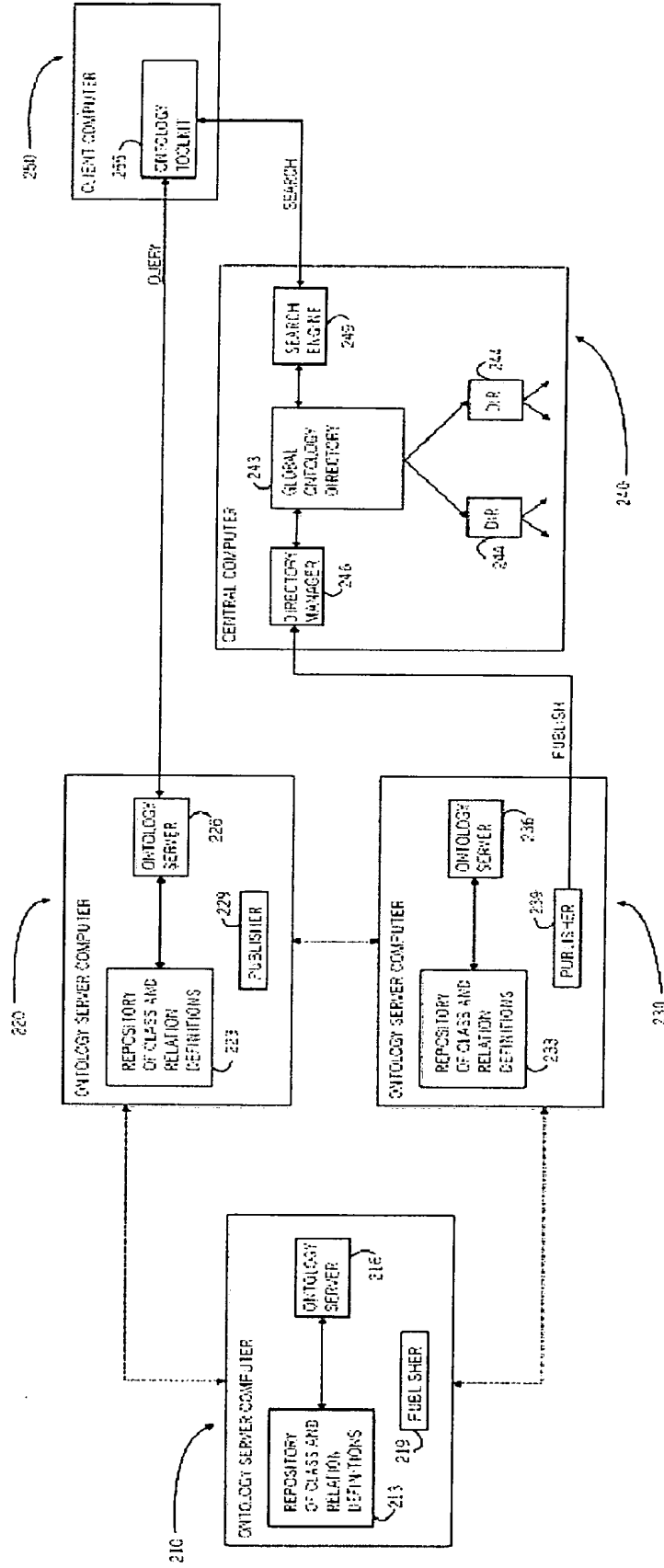


FIG. 2

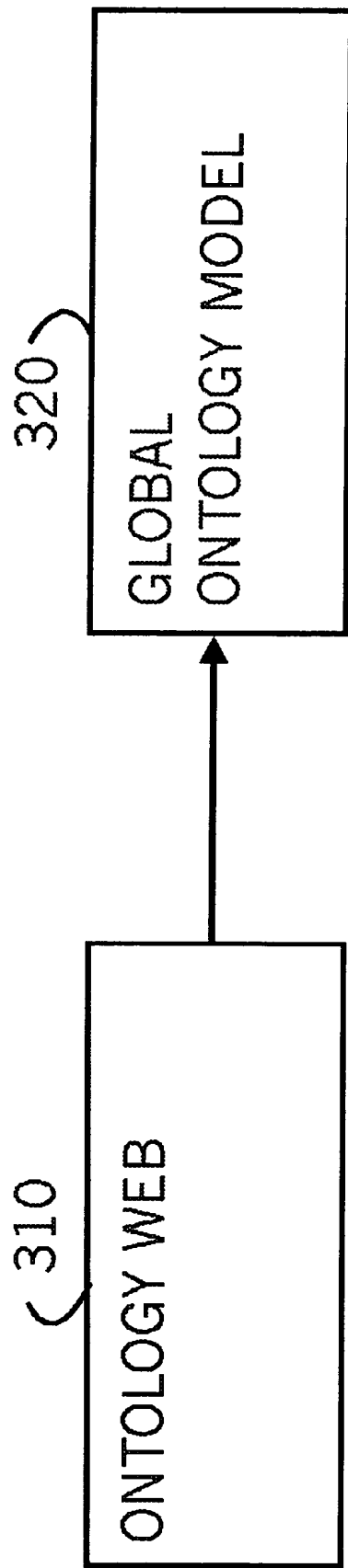


FIG. 3

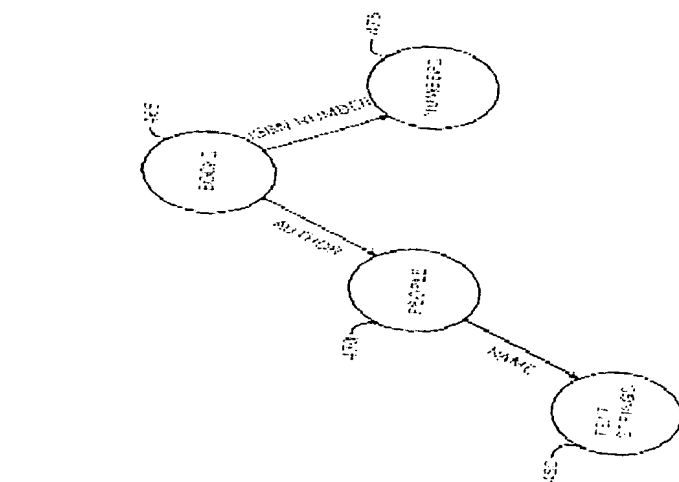


FIG. 40

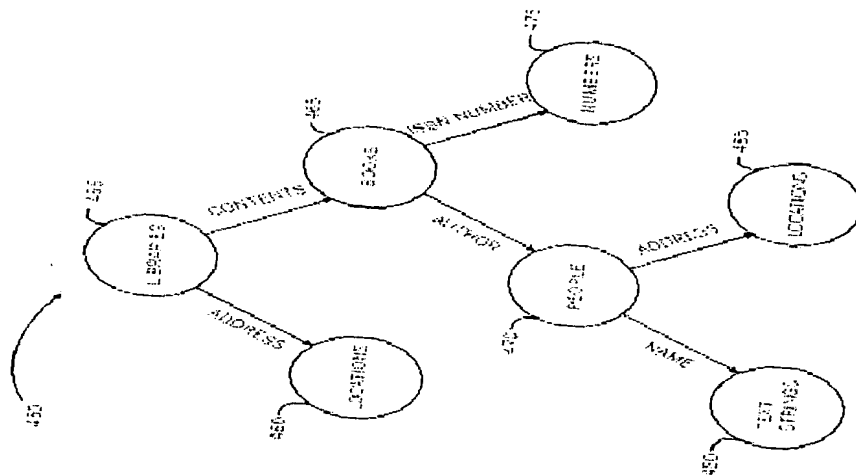


FIG. 41

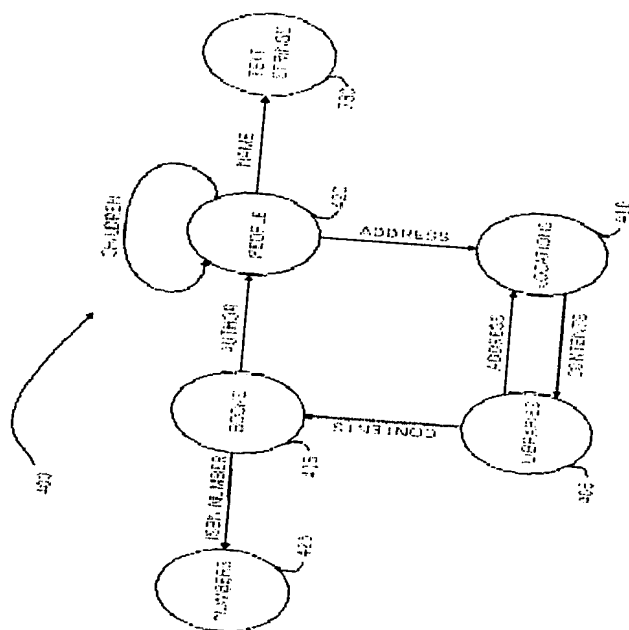


FIG. 42

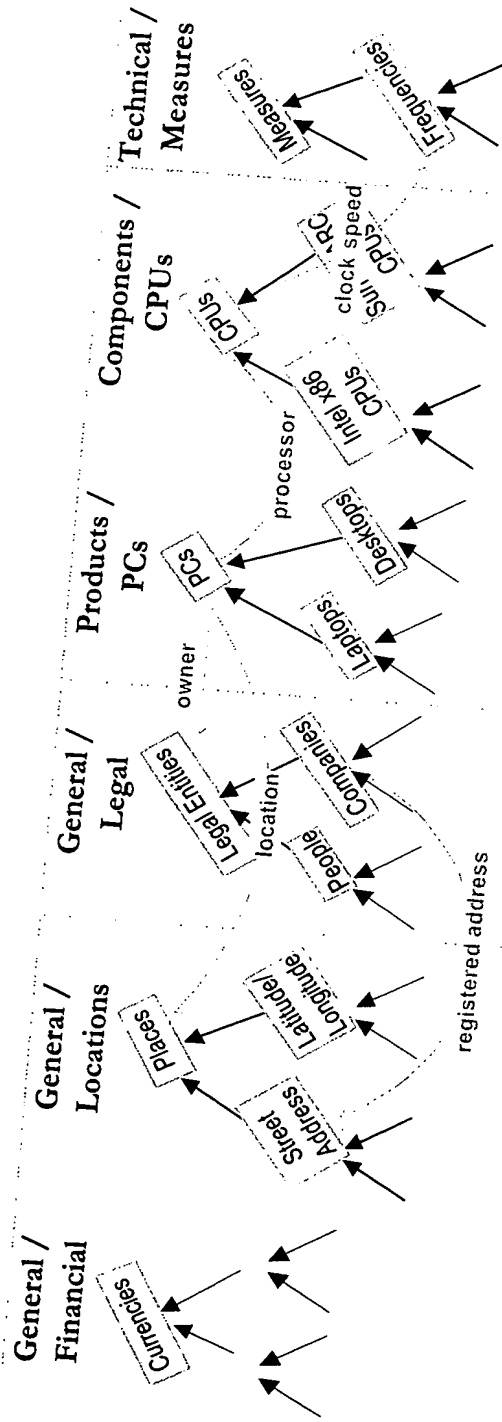


FIG. 5A

FOUO 25110660

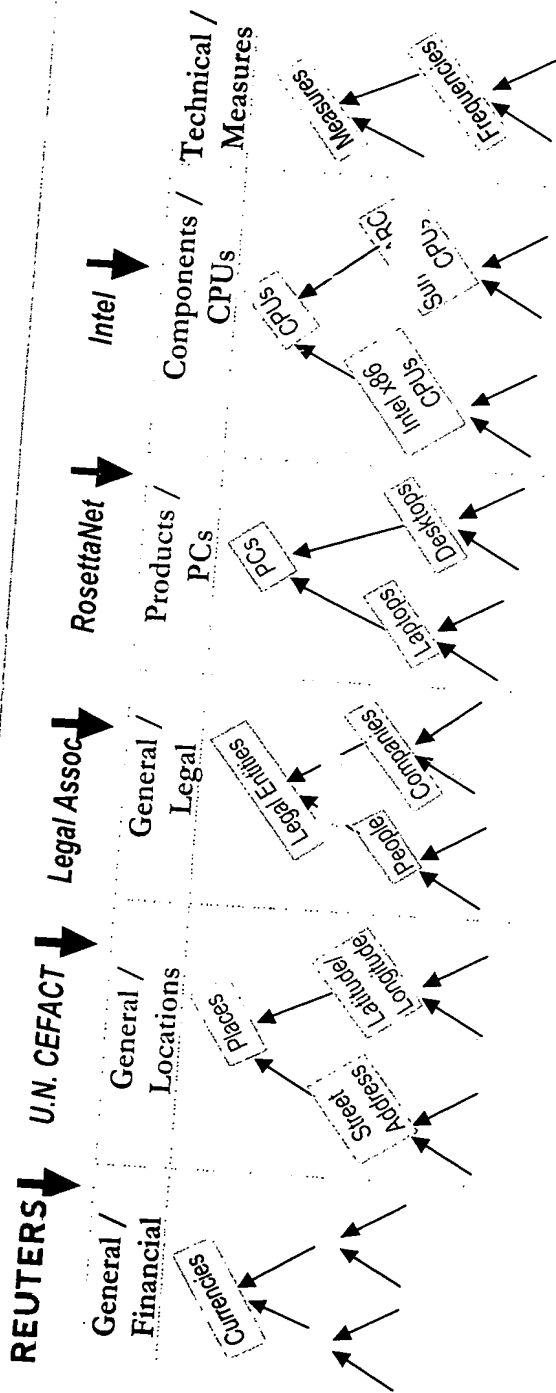


FIG. 5B

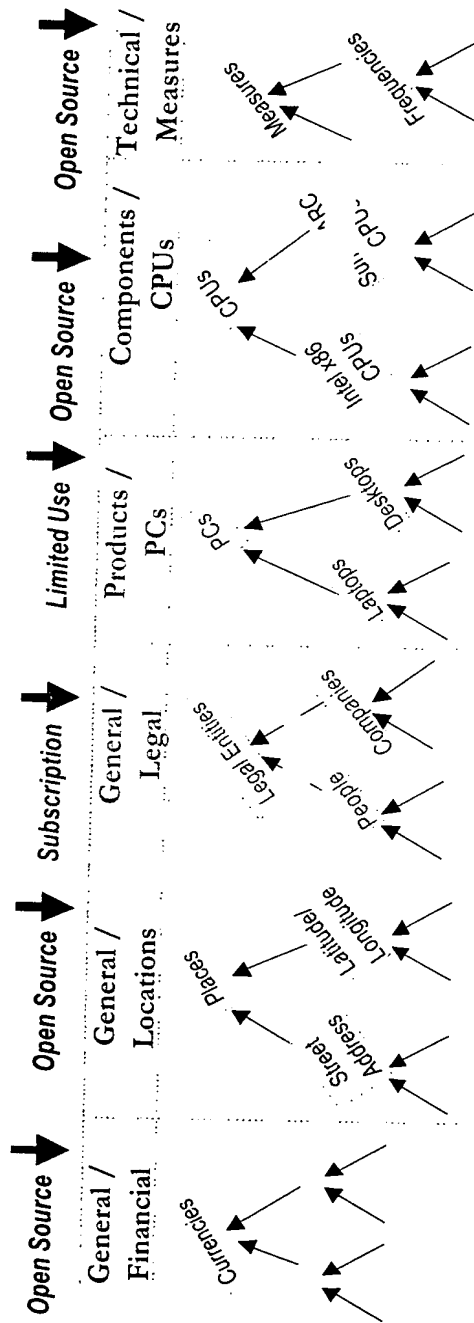


FIG. 5C

109020" 25110660

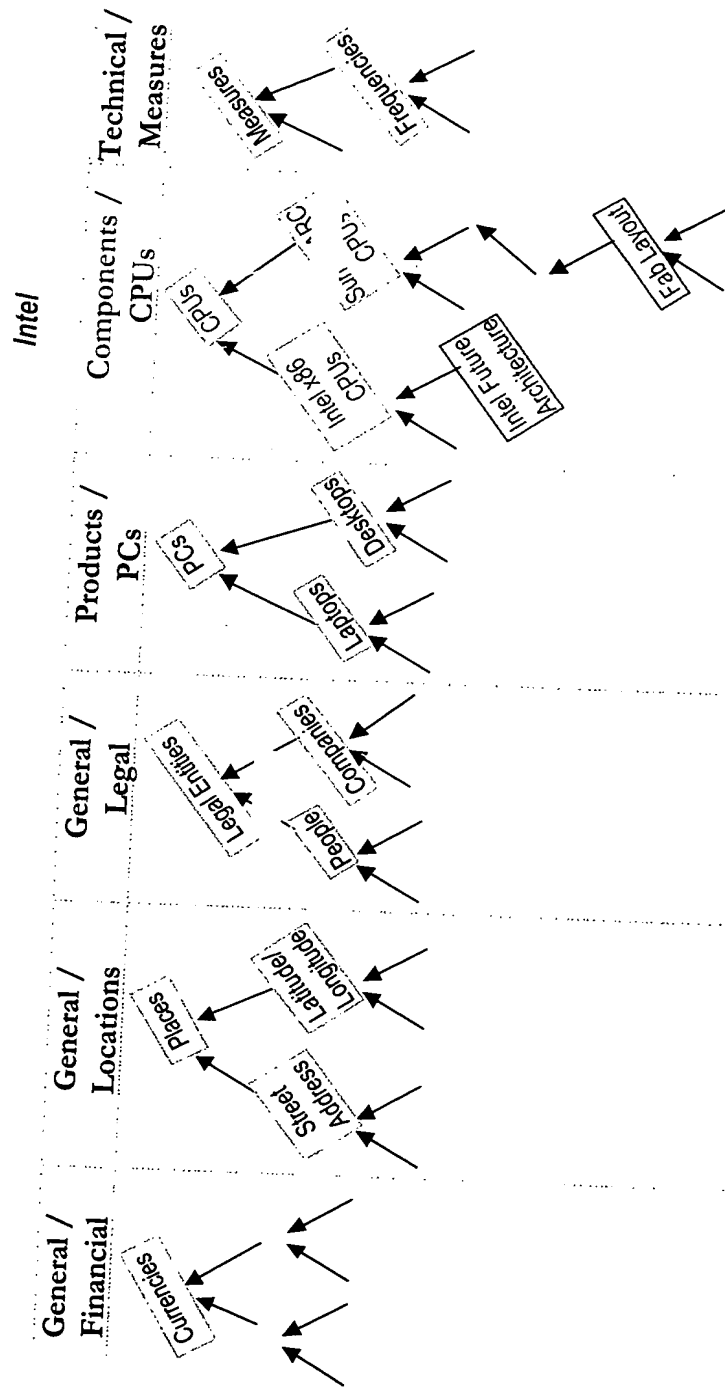


FIG. 5D

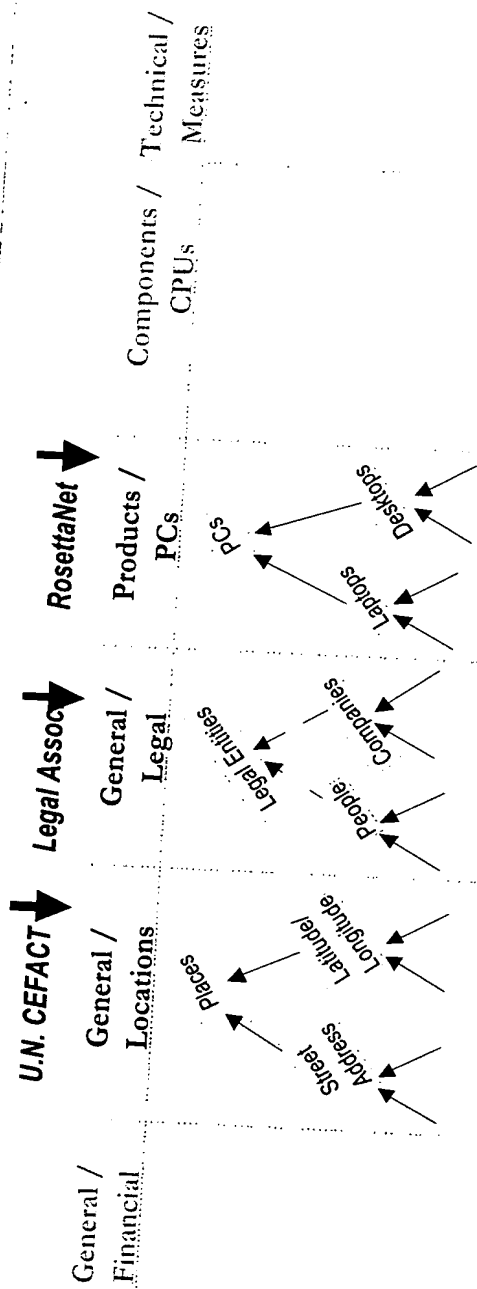


FIG. 5E

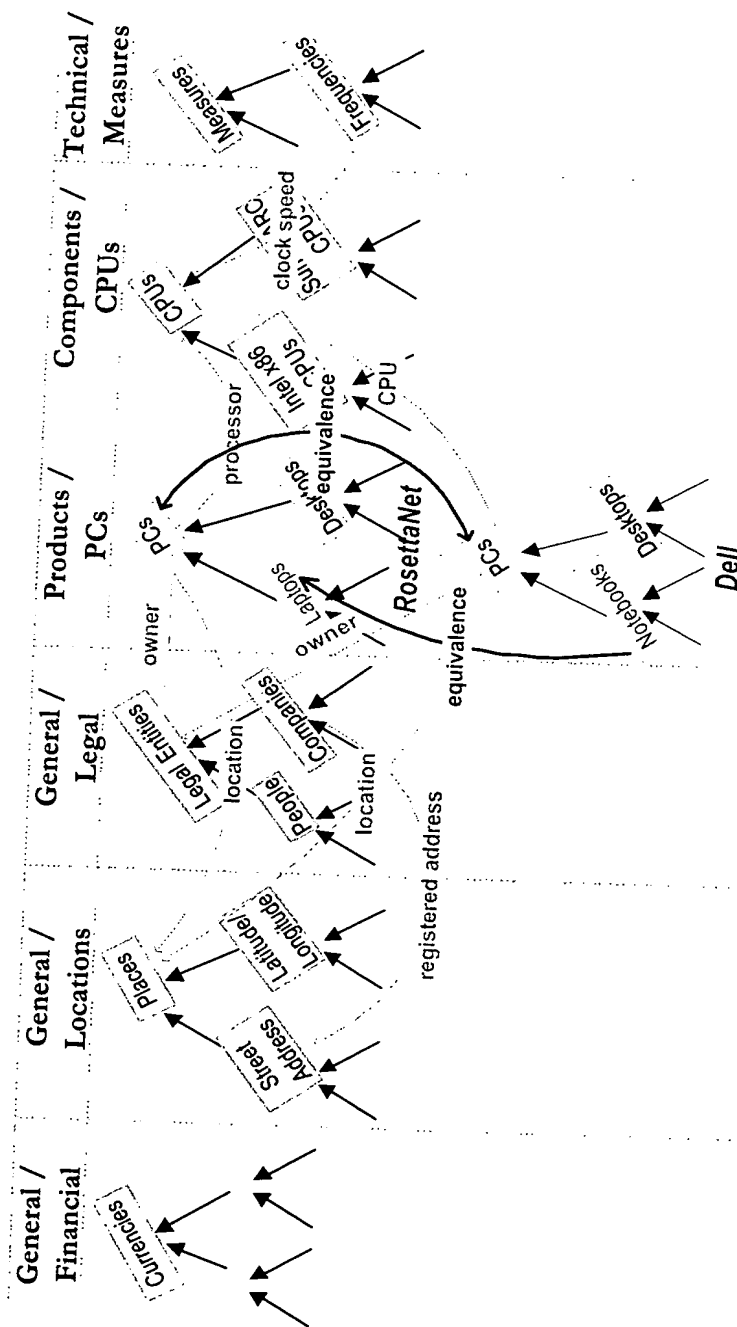


FIG. 5F

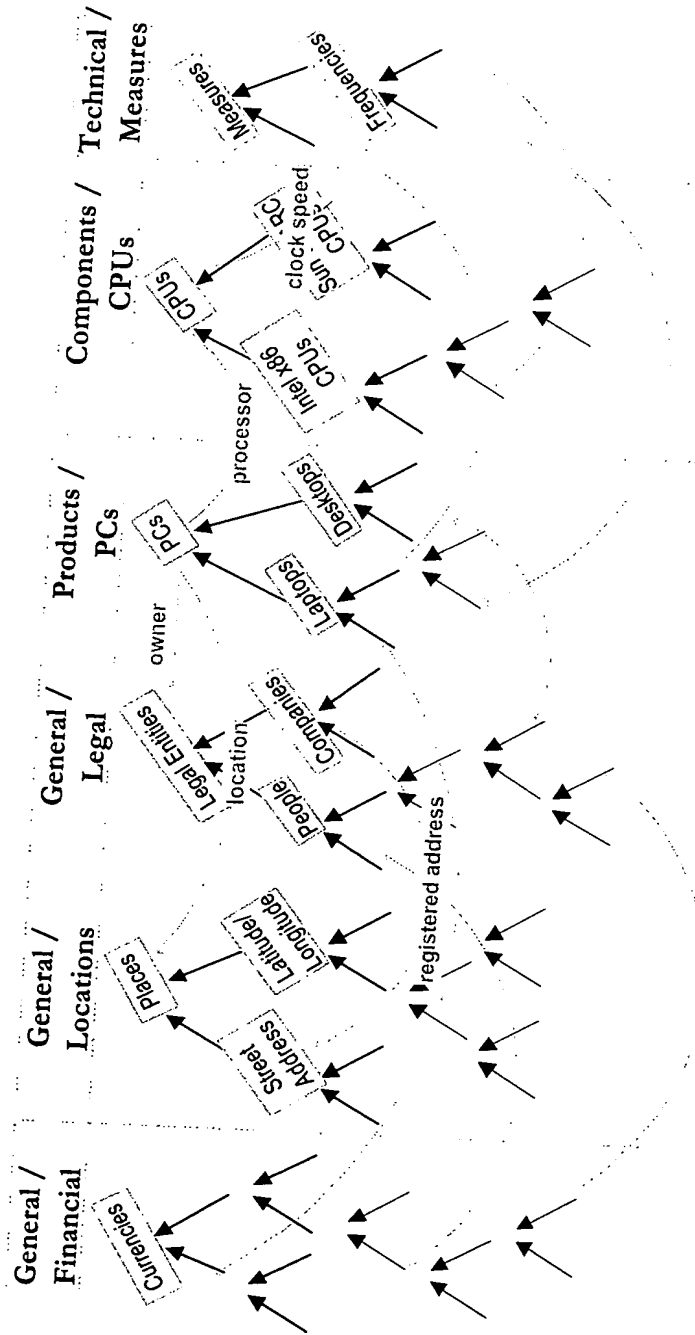


FIG. 5G

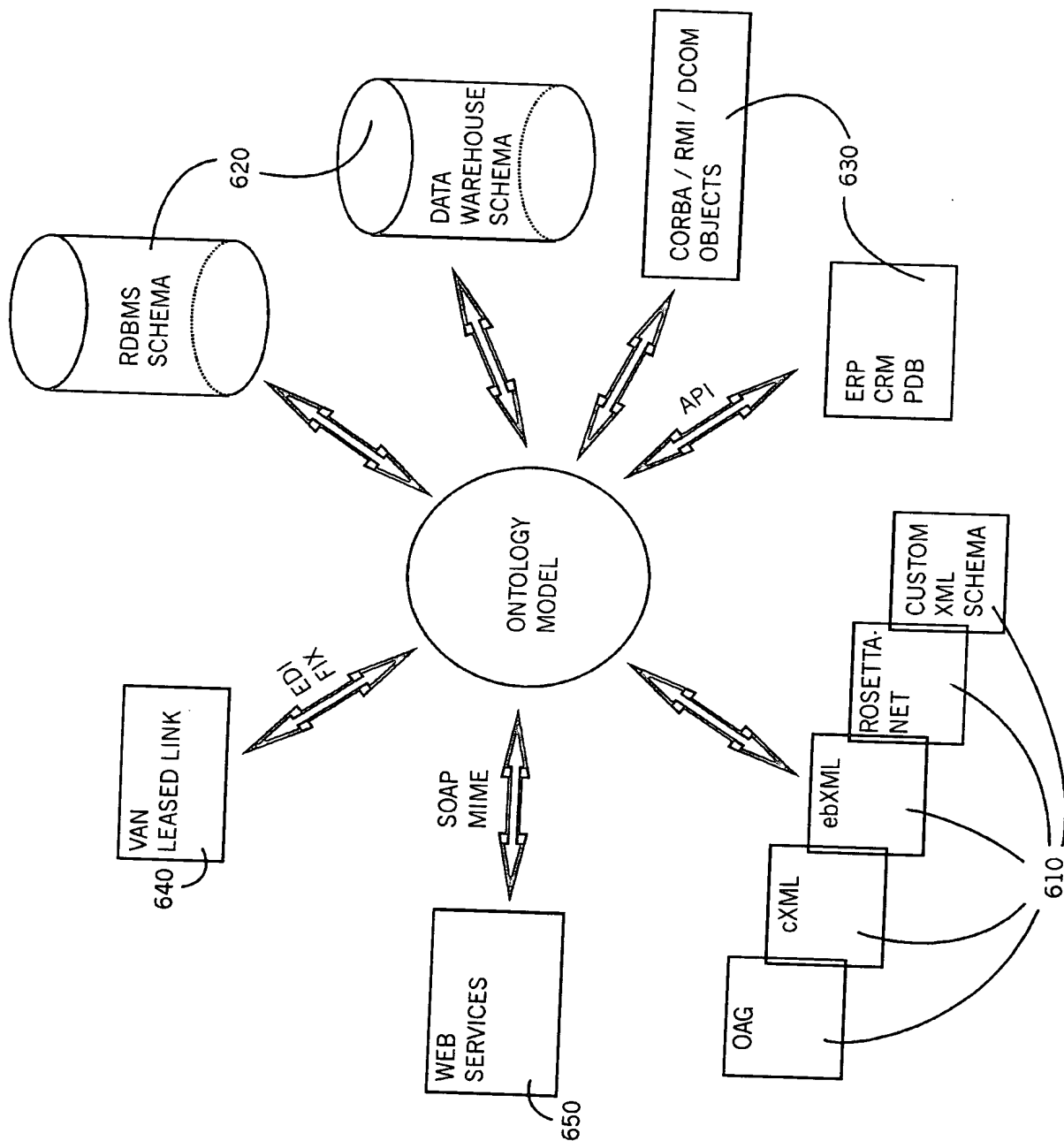


FIG. 6

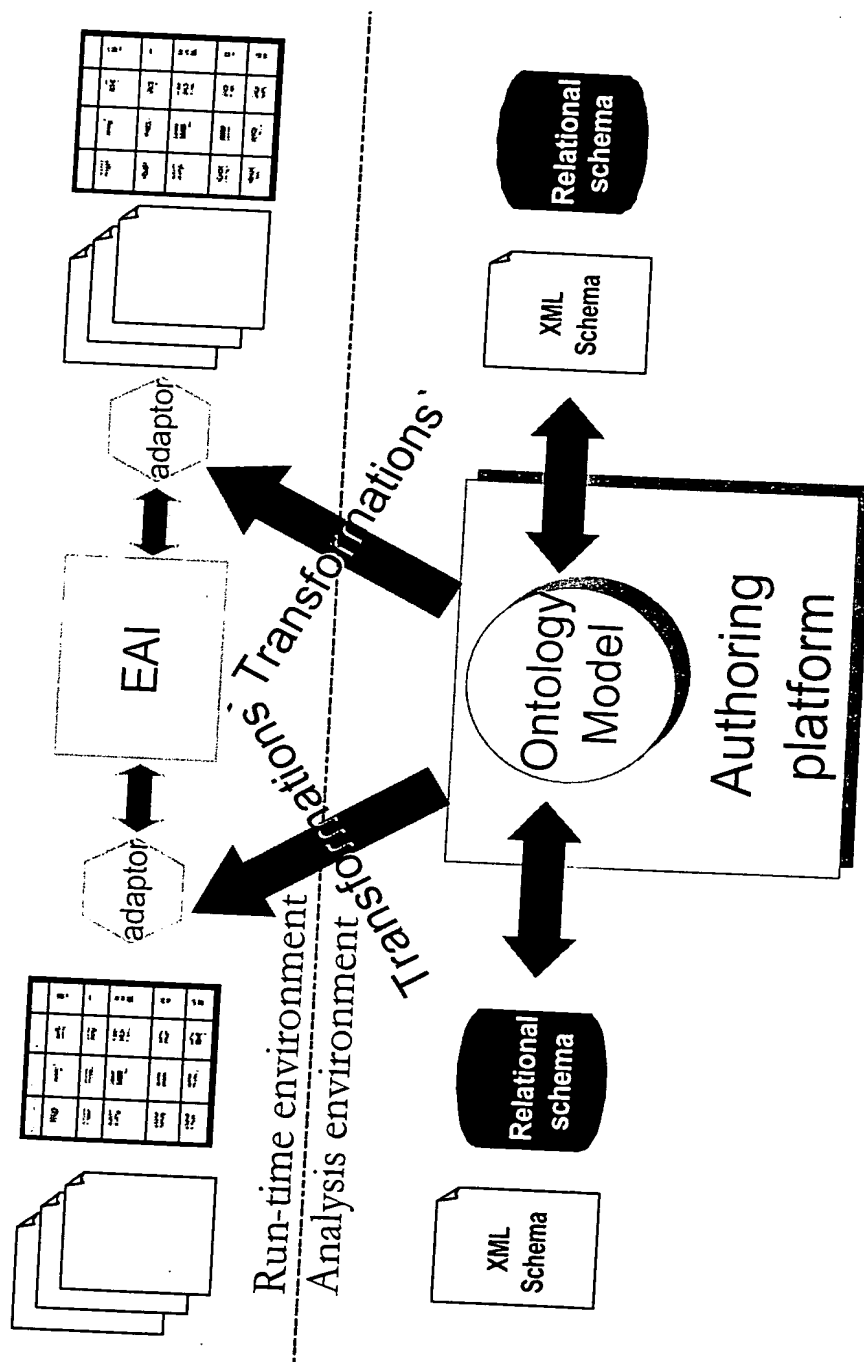


FIG. 7

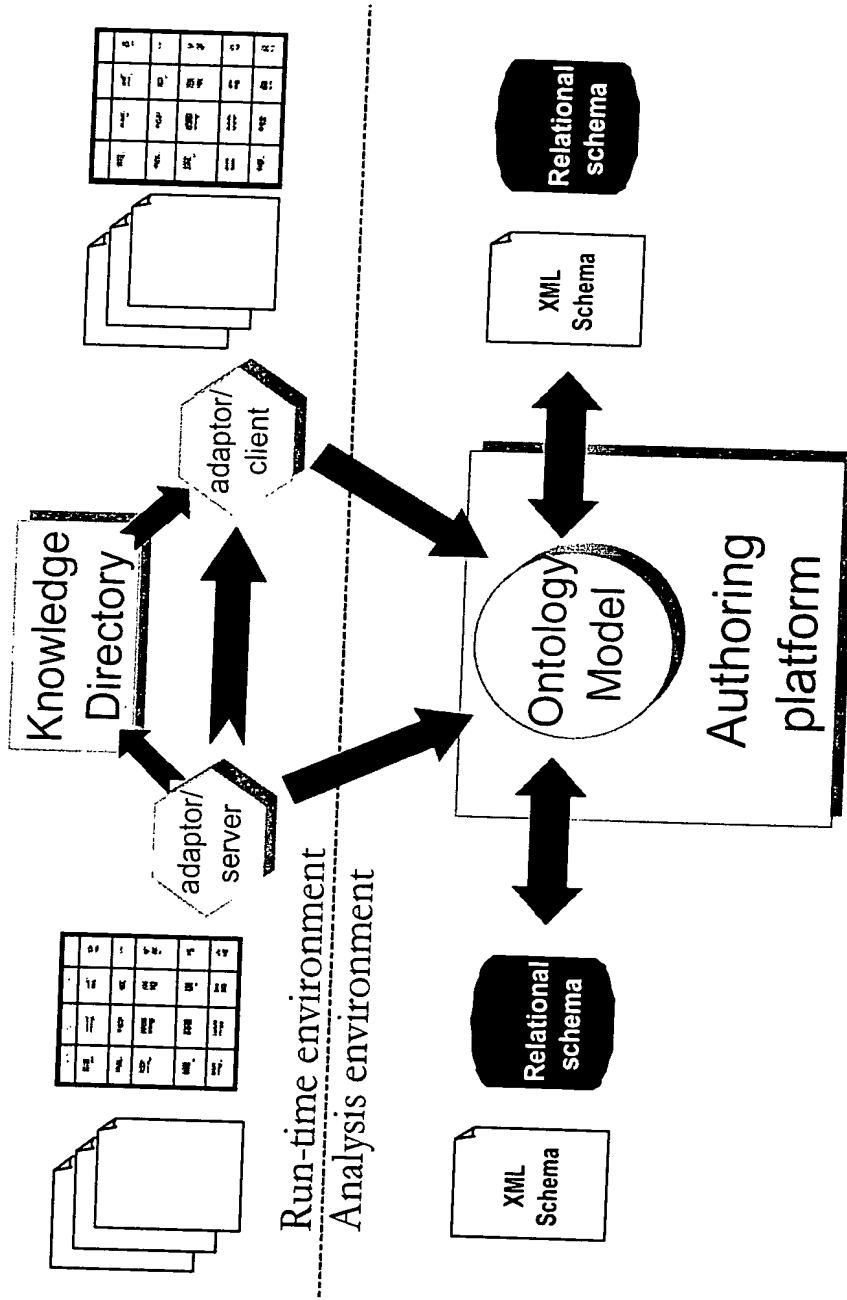


FIG. 8

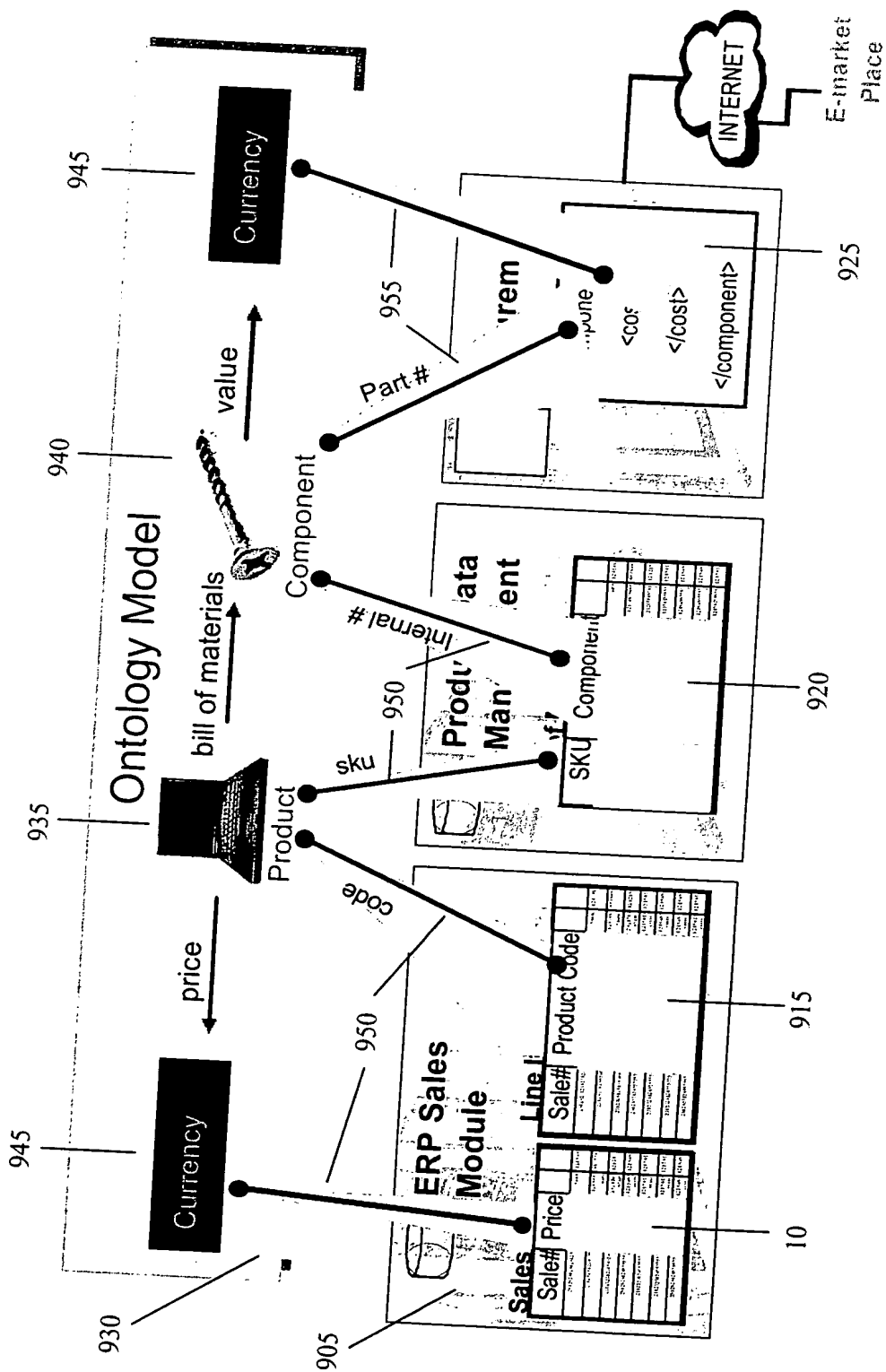


FIG. 9

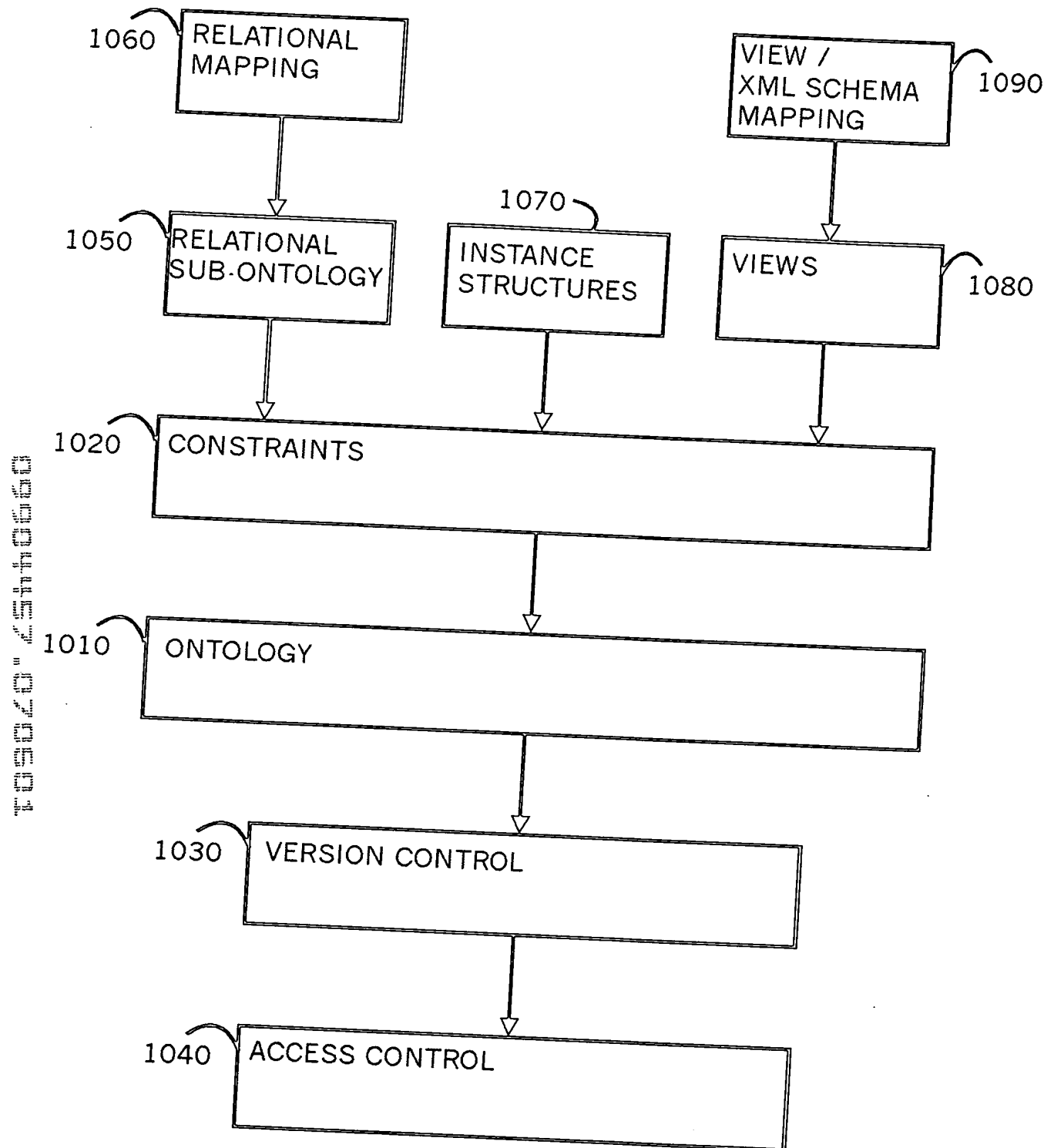


FIG. 10

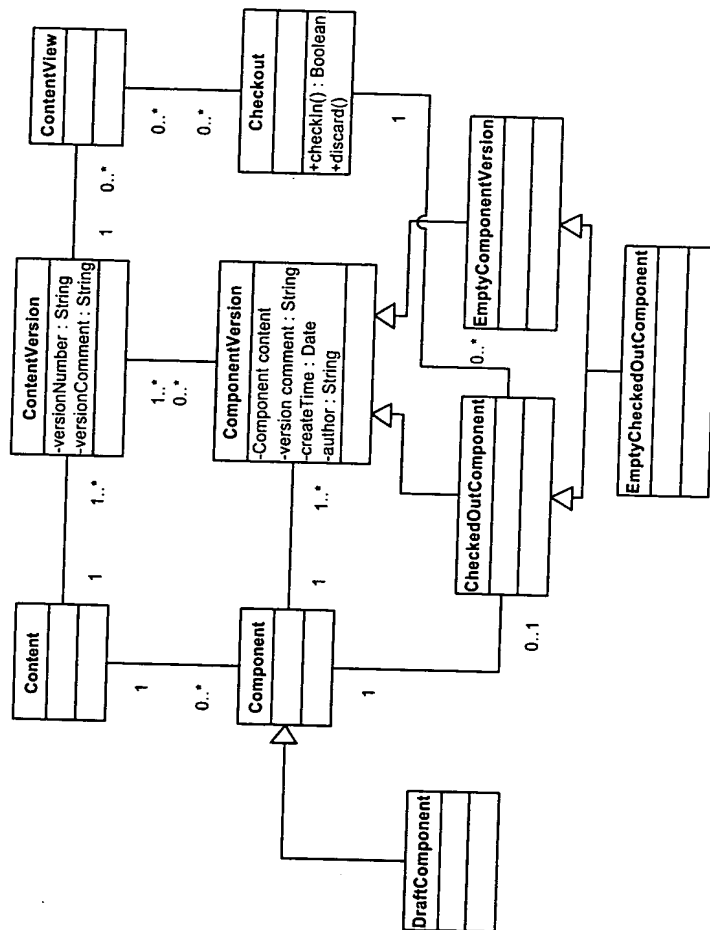


FIG. 11

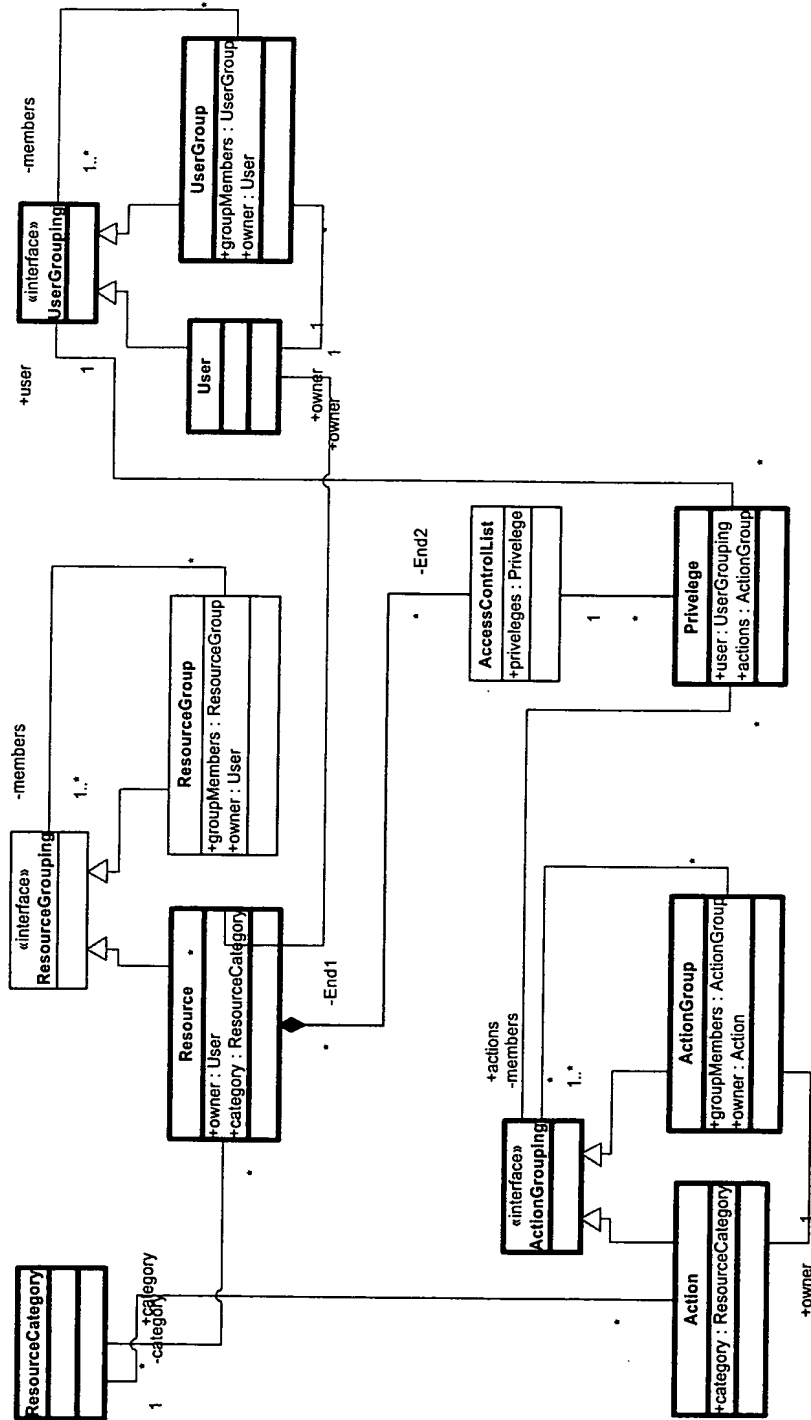


FIG. 12

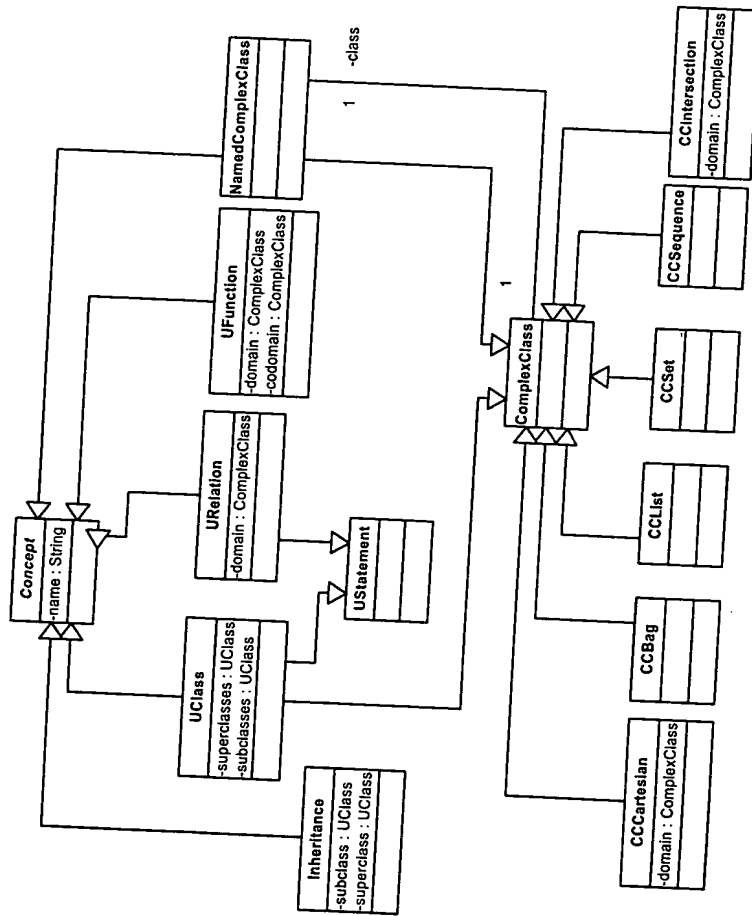


FIG. 13

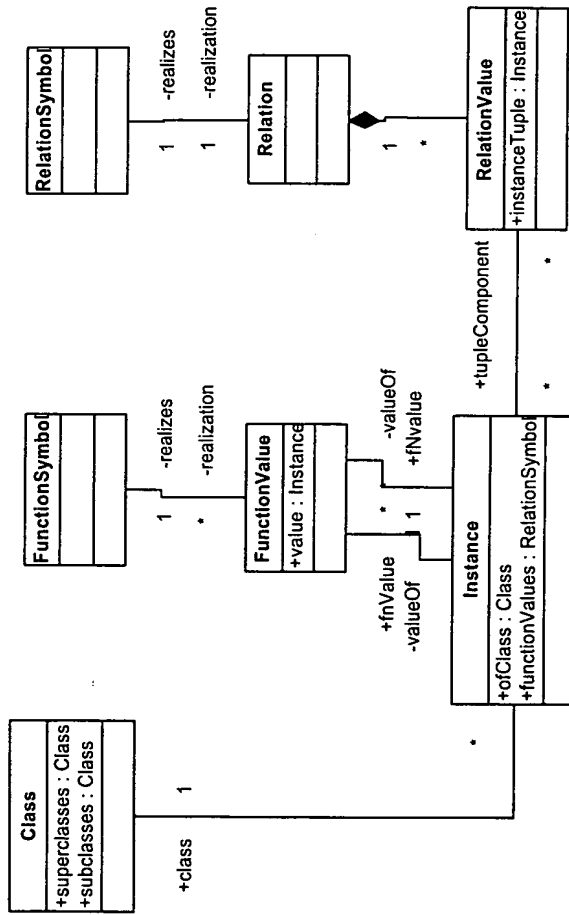


FIG. 14

FIG. 15

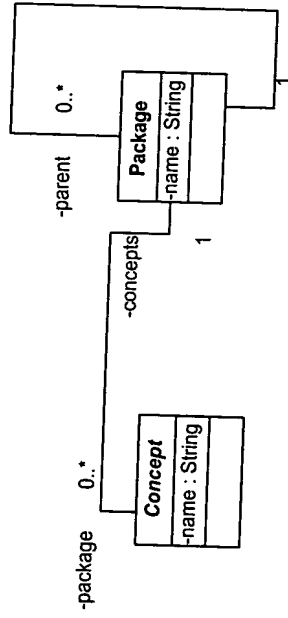


FIG. 15

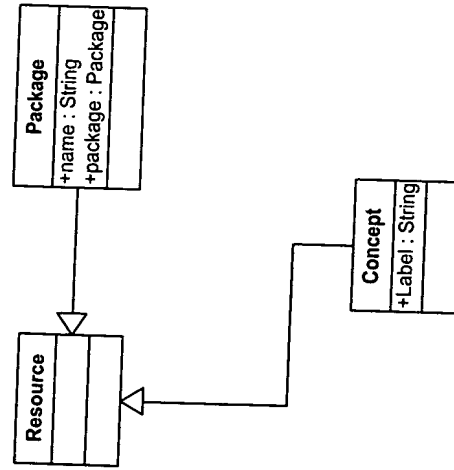


FIG. 16

```

classDiagram
    class OMFunction {
        +model::OMFunction
    }
    class OMProperty {
        +model::OMProperty
    }
    class OMClass {
        +model::OMClass
    }
    class ComplexClass {
        +model::ComplexClass
        +properties : model::OMProperty
    }
    class FundamentalClass {
        +model::FundamentalClass
    }
    class View {
        +class : model::ComplexClass
        +name : String
    }
    class CustomizedView {
        +class : model::FundamentalClass
    }
    class FundamentalView {
        +class : model::FundamentalClass
    }
    class ContainerView {
    }
    class ListView {
    }
    class SetView {
    }
    class ViewElement {
        +properties : ViewProperty
        +minAppearances : int
        +maxAppearances : int
    }
    class ViewProperty {
        +property : model::OMProperty
        +view : View
    }

    OMFunction <|-- OMProperty
    OMProperty <|-- OMClass
    OMClass <|-- ComplexClass
    ComplexClass <|-- FundamentalClass
    View <|-- CustomizedView
    CustomizedView <|-- FundamentalView
    CustomizedView <|-- ContainerView
    ContainerView <|-- ListView
    ContainerView <|-- SetView
    ViewElement <|-- ViewProperty

    ComplexClass "1" *-- "*" OMProperty : -viewedBy
    View "1" *-- "*" CustomizedView : -viewOf
    CustomizedView "1" *-- "*" ViewElement
    ViewElement "1" *-- "*" ViewProperty
    ViewProperty "1" *-- "*" View : -contains
  
```

The diagram illustrates the MVC pattern with the following classes and relationships:

- Model Classes:**
 - OMFunction** (base class)
 - OMProperty** (inherits from OMFunction)
 - OMClass** (inherits from OMProperty)
 - ComplexClass** (inherits from OMClass, contains **properties : model::OMProperty**)
 - FundamentalClass** (inherits from ComplexClass)
- View Classes:**
 - View** (base class, contains **class : model::ComplexClass** and **name : String**)
 - CustomizedView** (inherits from View, contains **class : model::FundamentalClass**)
 - FundamentalView** (inherits from CustomizedView)
 - ContainerView** (inherits from CustomizedView)
 - ListView** (inherits from ContainerView)
 - SetView** (inherits from ContainerView)
- Controller/Element Classes:**
 - ViewElement** (base class, contains **properties : ViewProperty**, **minAppearances : int**, and **maxAppearances : int**)
 - ViewProperty** (inherits from ViewElement, contains **property : model::OMProperty** and **view : View**)
- Relationships:**
 - ComplexClass** (1) **viewedBy** **OMProperty** (*)
 - View** (1) **viewOf** **CustomizedView** (*)
 - CustomizedView** (1) **contains** **ViewElement** (*)
 - ViewElement** (1) **contains** **ViewProperty** (*)
 - ViewProperty** (1) **contains** **View** (*)

FIG. 17

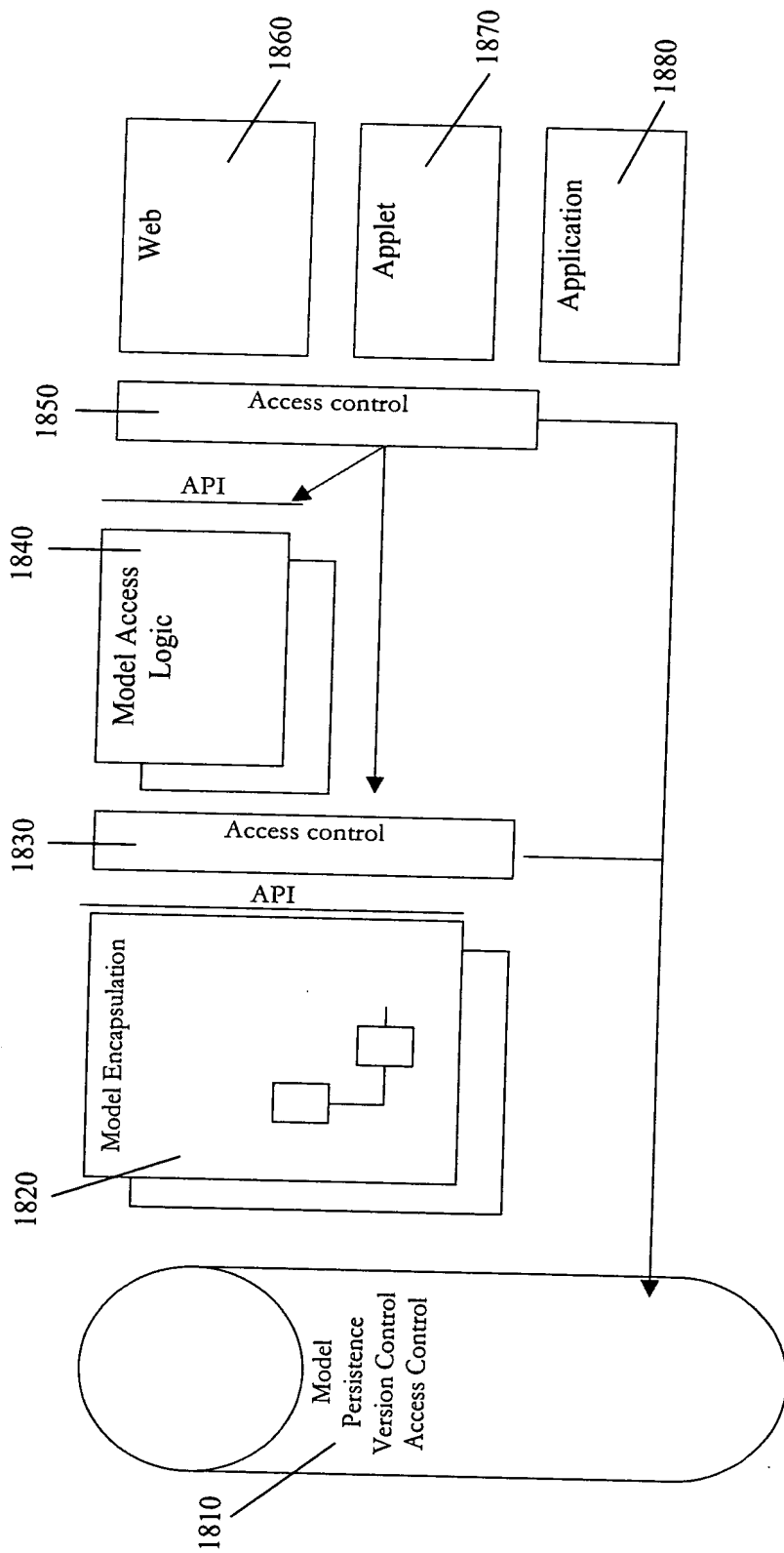


FIG. 18

FIG. 19A



A
attribute

FIG. 19A

FIG. 19B

FIG. 19C

FIG. 19D



FIG. 19E

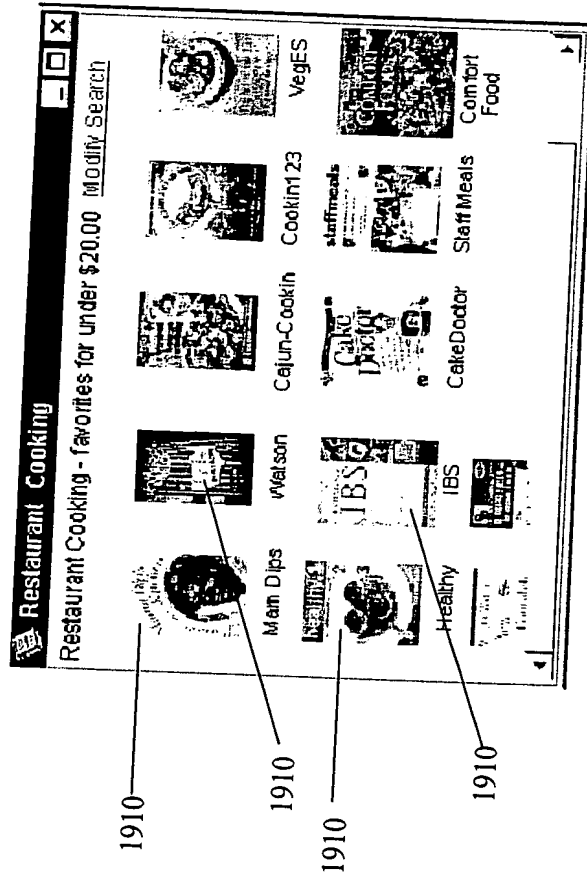



FIG. 19F

FIG. 20A



| | |
|-----------------------|------|
| Help / Search | |
| View Page | |
| Properties | |
| Do It! | |
| Buy Similar Book | 2010 |
| Contact Author | 2020 |
| Contact Publisher | 2030 |
| Join Discussion Board | 2040 |
| Sell Your Copy | 2050 |
| Submit Your Recipe | 2060 |

FIG. 20A

FIG. 20B

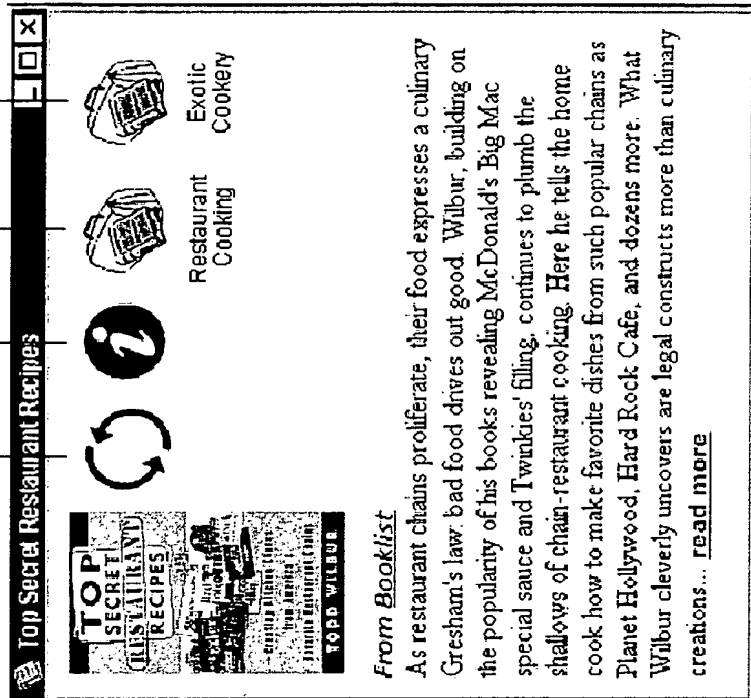


FIG. 21A

FIG. 21B

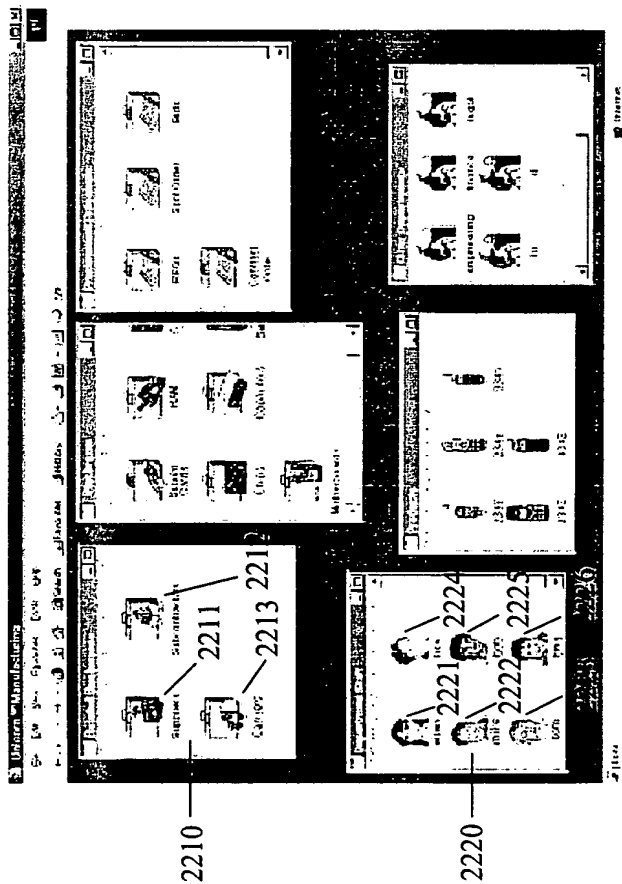


FIG. 22A

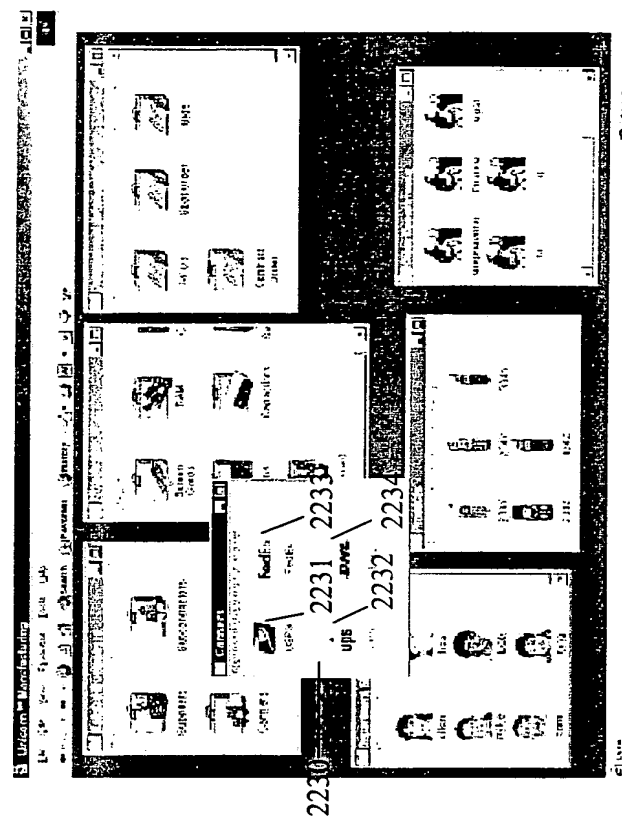


FIG. 22B

105020" 2544660

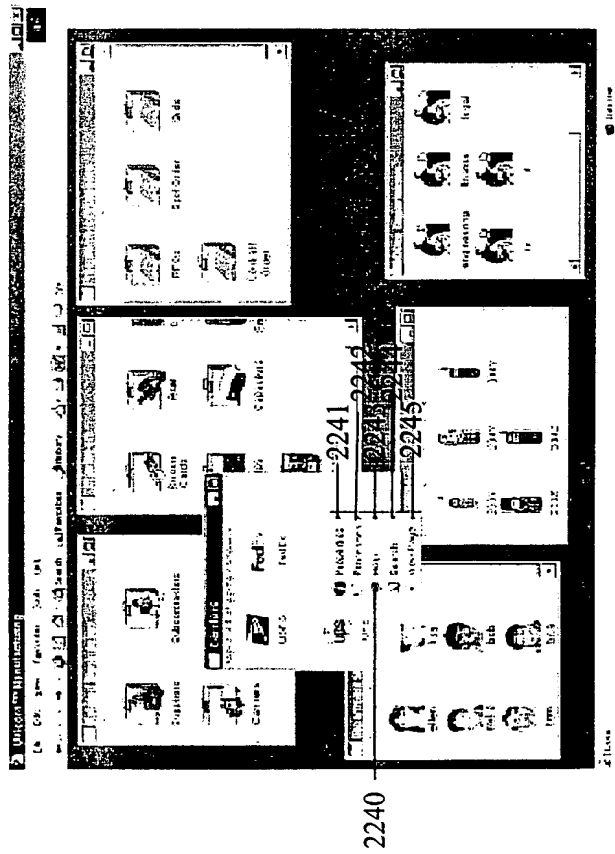


FIG. 22C

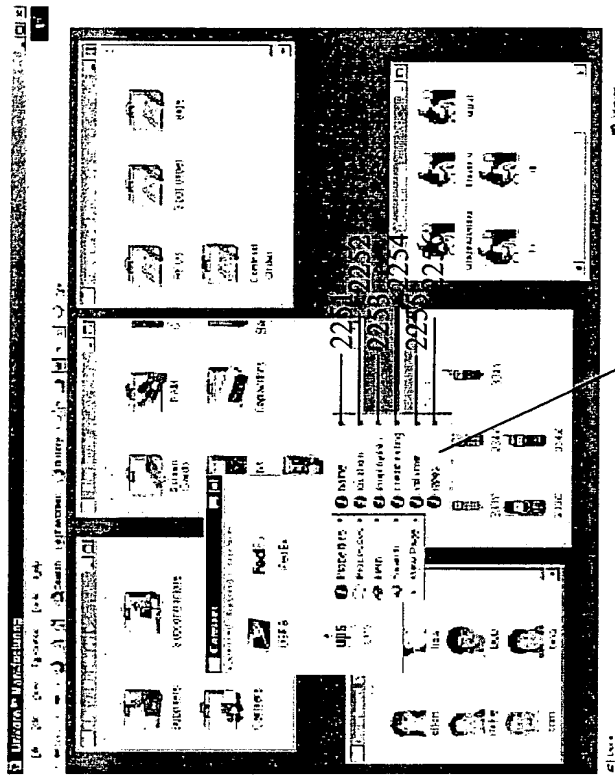


FIG. 22D

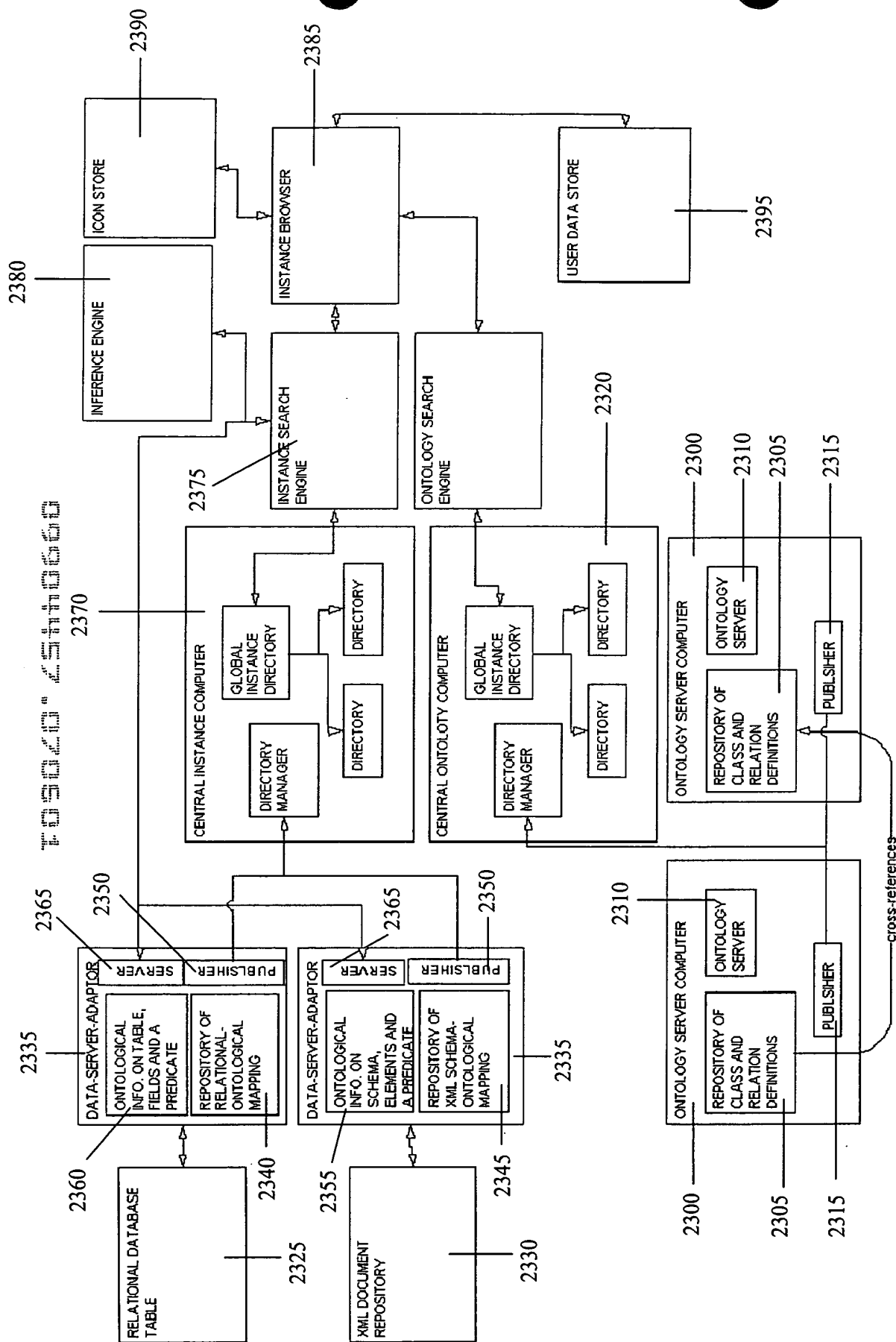


FIG. 23

FIG. 24A

2410

New Model

Version Model |

Name: <Insert Model Name Here> 2440

Created: Not Available

Description: <Use this Space to Describe the Purpose and Scope of your Model> 2450

OK Cancel

FIG. 24A

2429 2430 " 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500

New Model

Version | Model |

Model Name: Not Defined

Number: 1

Author: <Insert Your Name Here>

Last Saved: Not Available

Label: <Insert Key Phrases that Describe this Version Here>

Comment: <Use this Space to Describe and Document the Version>

OK

Cancel

FIG. 24B

105020" 25th0660

New Model

Version | Model |

Model Name: Not Defined

Number: 1

Author: John Smith (Worldwide IT)

Last Saved: Not Available

Label: Base Classes

Comment: Version will incorporate base classes for the model as listed at: \\WorldwideIT\ontologydev\build\1.01\structure.doc

OK

Cancel

2460

2470

2480

2490

FIG. 24C

IT Ontology

IT Ontology

Version Model

Name: IT Ontology

Created: 04/22/01 10:42

Description:

Scope of the model at this stage is all IT activities within the Reuters IT Development Division (Worldwide) for internal use only.
The model is subject to the use guidelines defined by the ontology development working group (documentation available on the Intranet)

OK

Cancel

2410

2440

2450

FIG. 24D

FIG. 25A

2505

New Class

Name: 2510

Namespace: 2515

OK Cancel

FIG. 25A

2520

Create Relation

Name: 2525

Namespace: 2530

Domain: 2535

Article<Newspaper.Journalism>XAuthor<Newspaper.Journalism>

Class Description: 2540

None

Edit...

OK Cancel

FIG. 25B

Create Property

Name: 2550

Property of: Servers <IT.Equipment.Hardware.Servers> 2555

Type: ☒ Simple Classes

☐ Company Name <IT.Equipment.Suppliers> Browse...

☐ Complex Class

Compose...

Property Description

[None] 2545

2560

FIG. 25C

FIG. 25D

Complex Class Definer

^(?E ditor<newspaper.journalism>X^Lis t^(^C columnist<newspaper.journalism>X^Article<newspaper.journalism>))

2 Components ☒ Cross Product ☒ X ☐ Class... ☐ List ☐ Seq. ☐ Set ☐ Bag

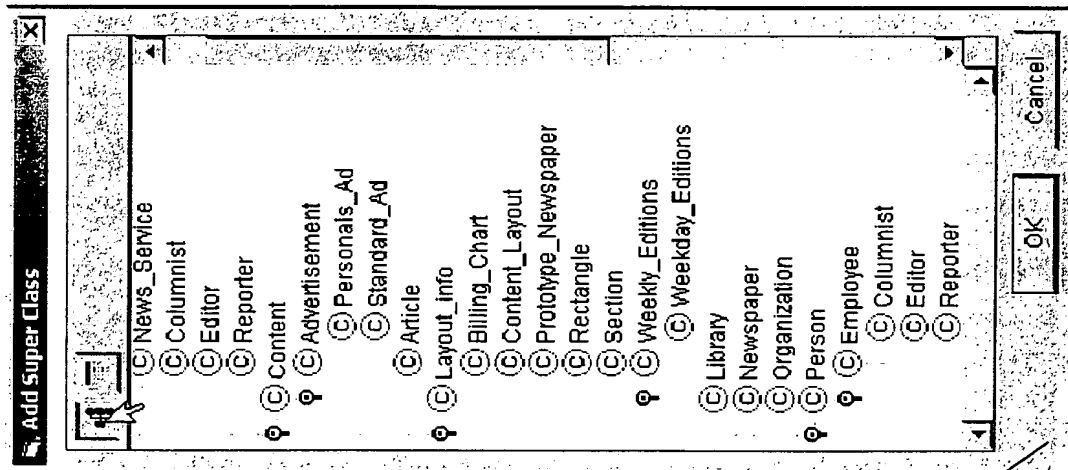
Show: ☒ Full names ☒ Short names

OK Cancel

2570

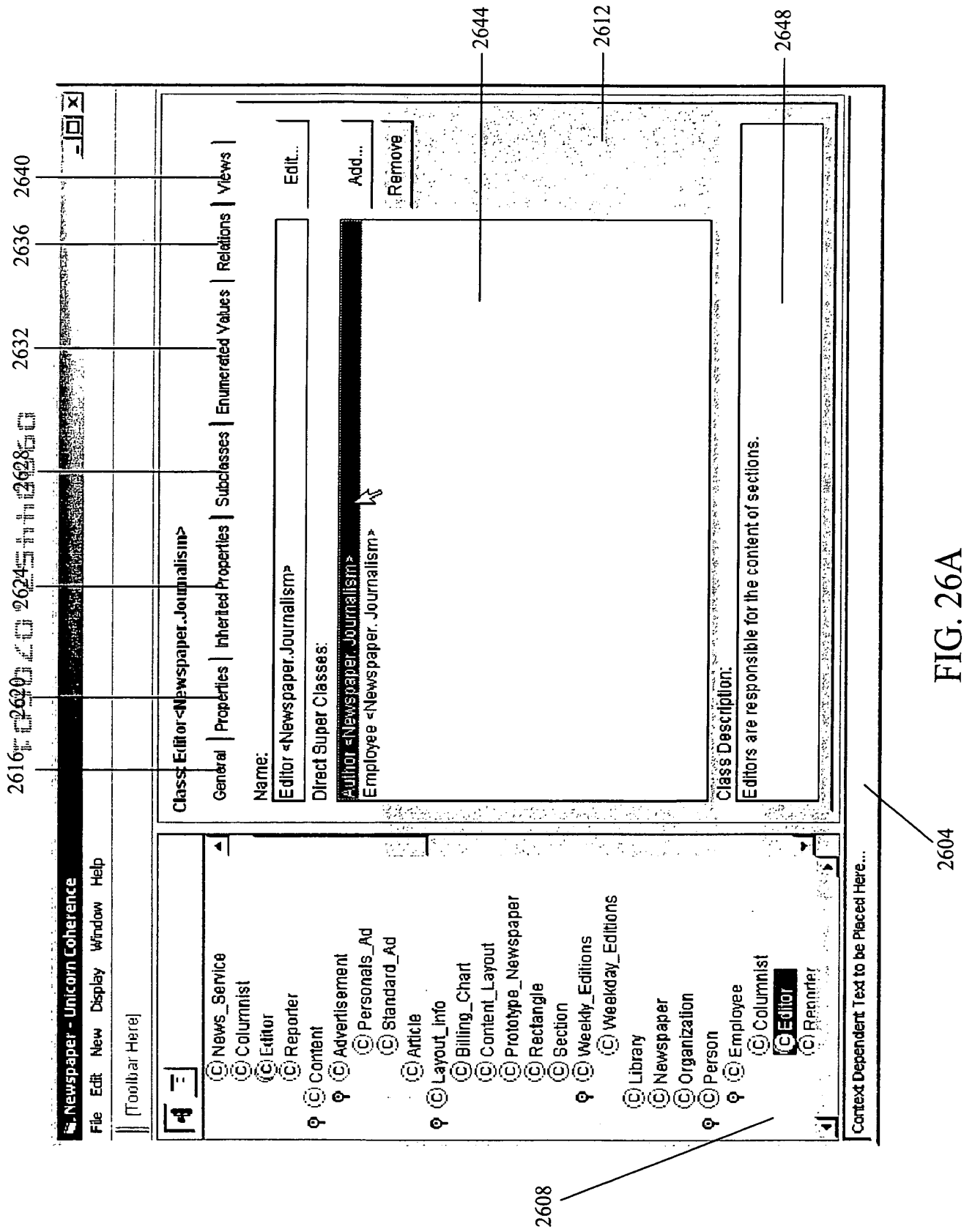
2565

FIG. 25D



2565

FIG. 25E



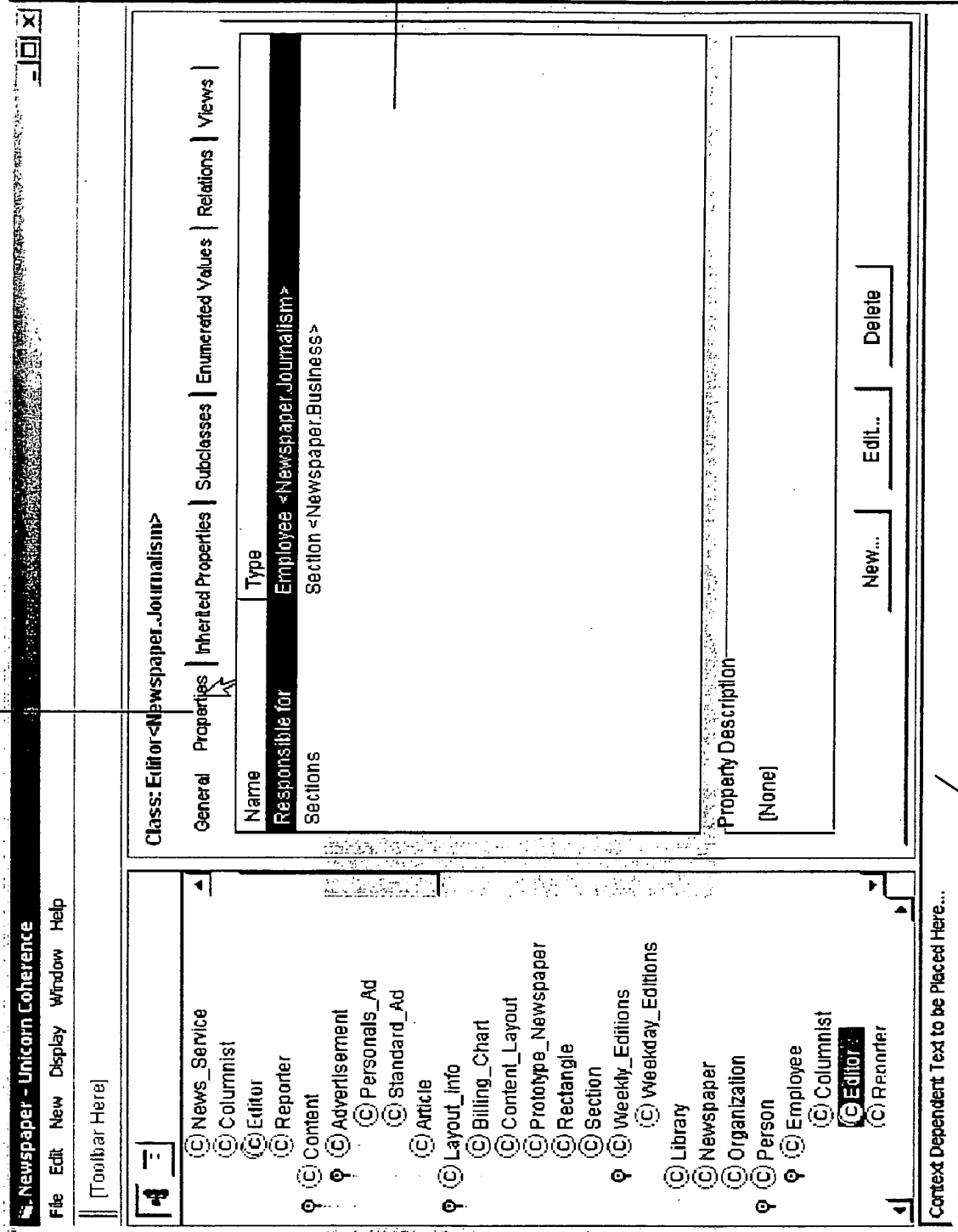
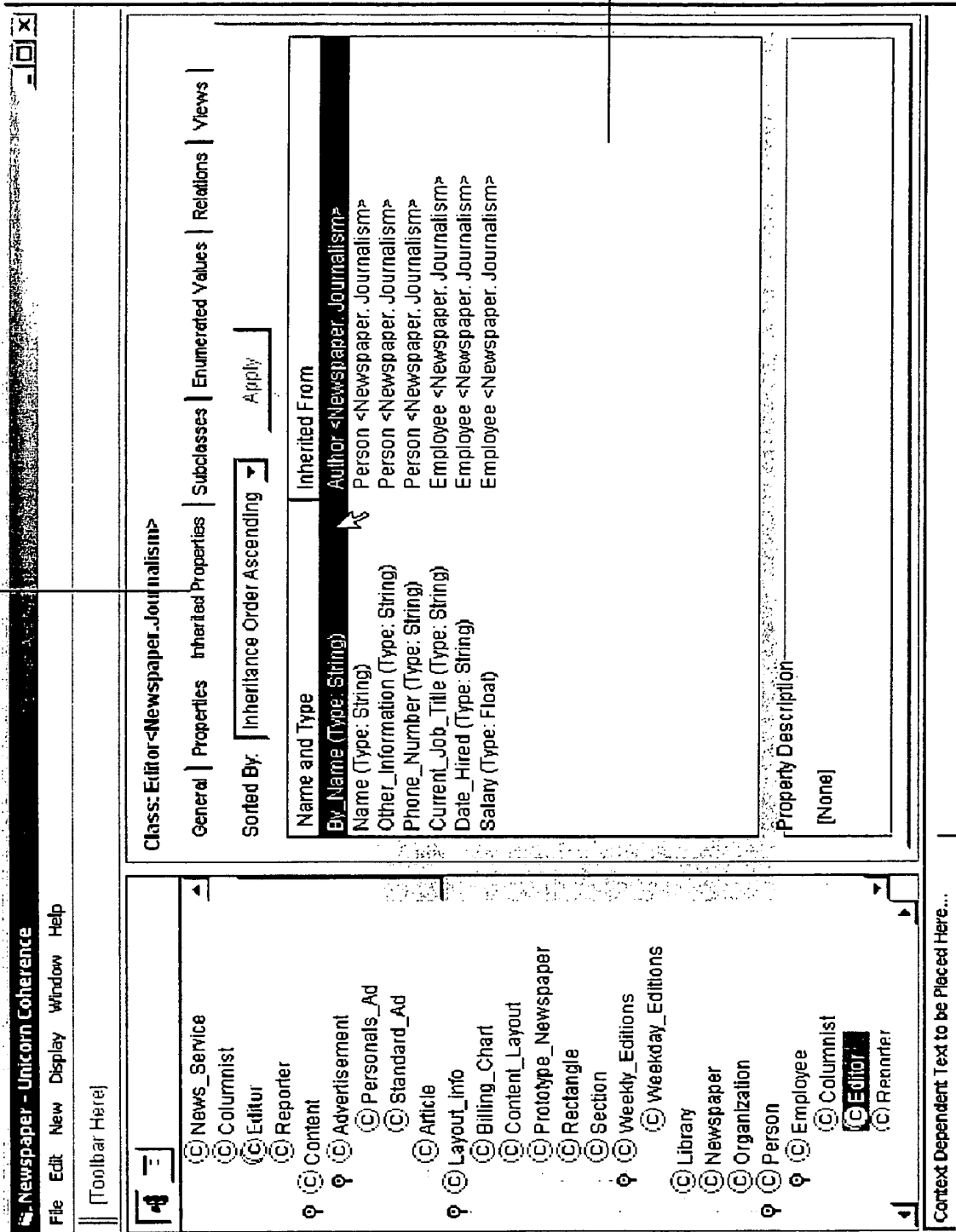


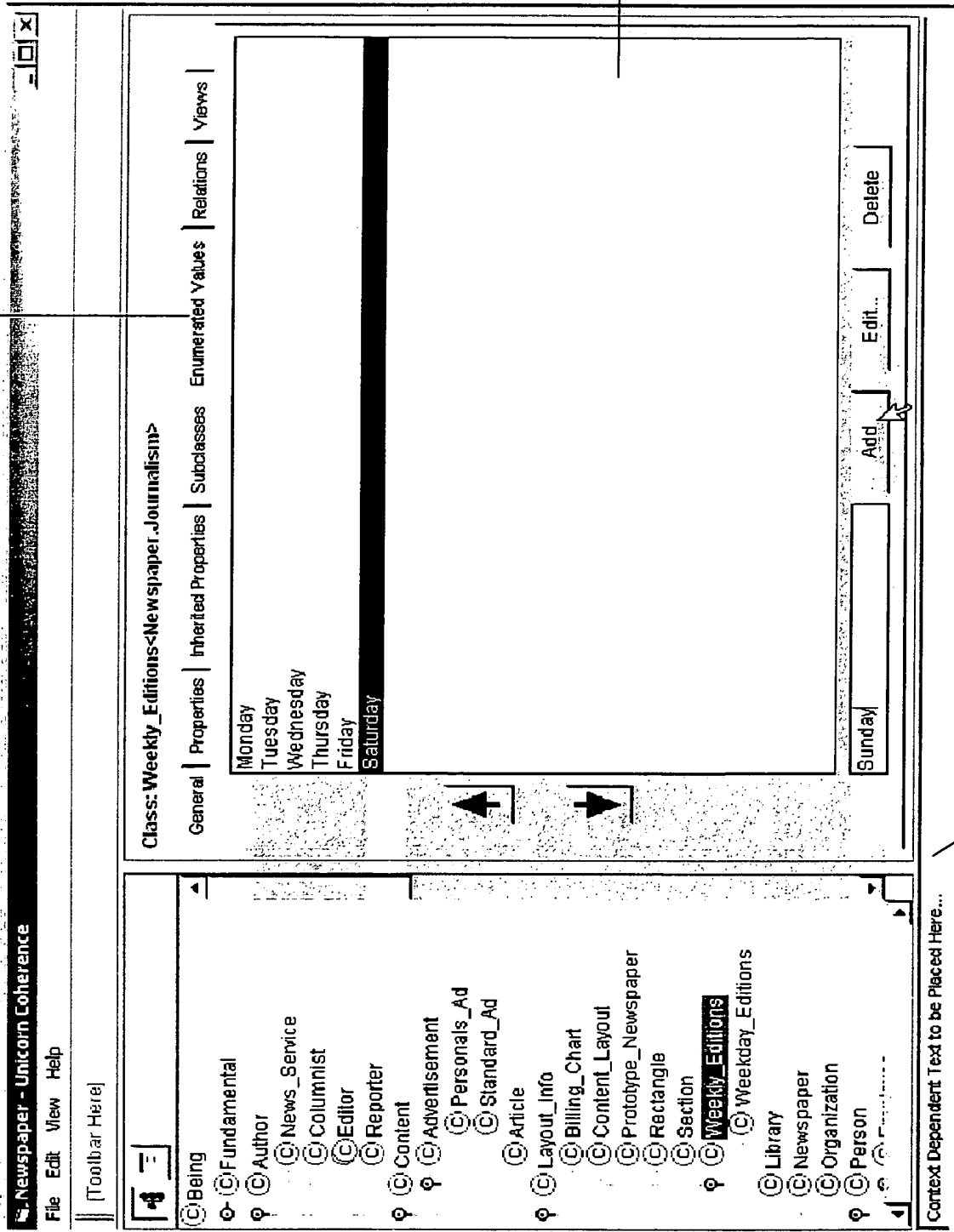
FIG. 26B



2664

FIG. 26C

2660



2680

FIG. 26E

2676

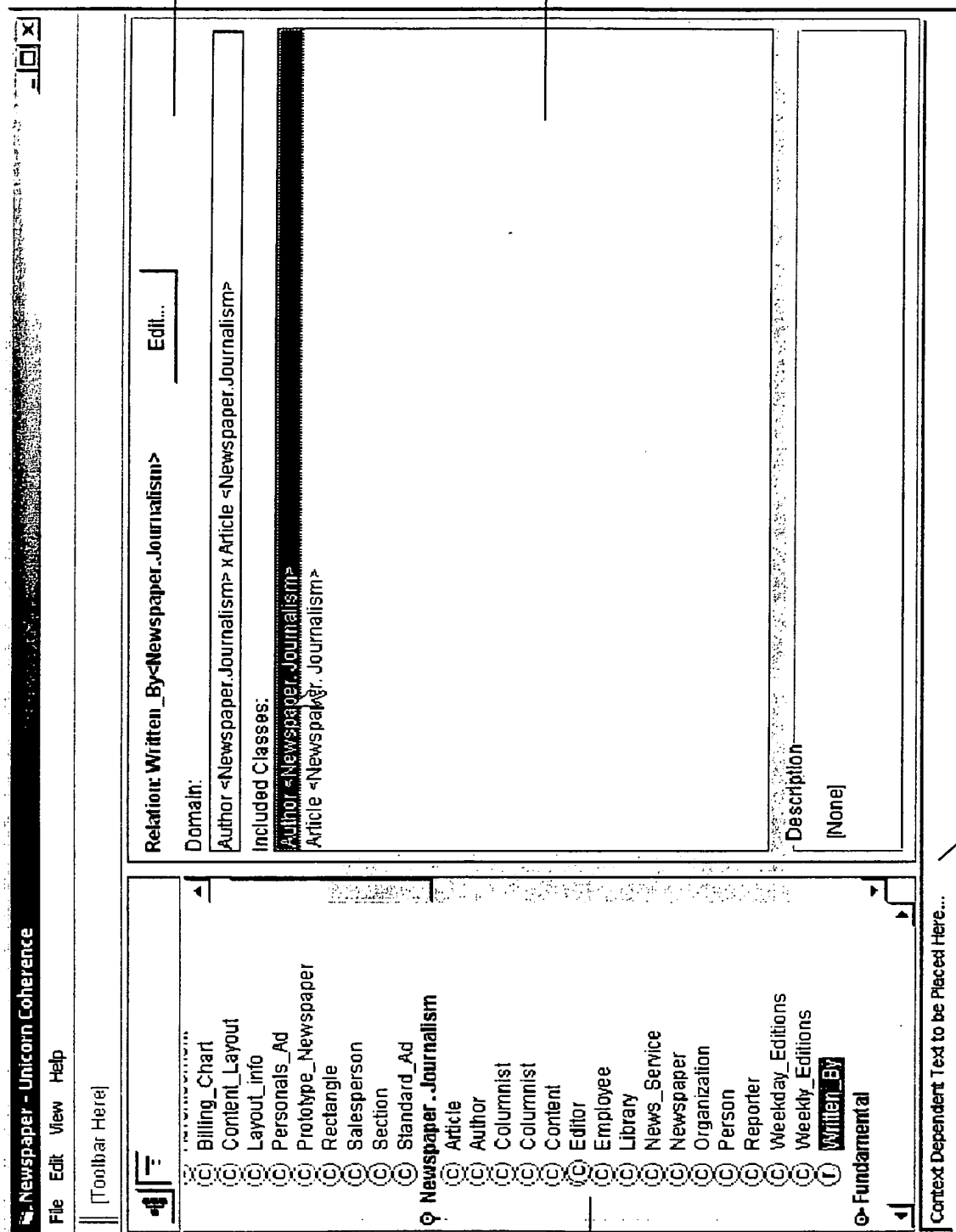


FIG. 27

T09020" 25h0560

Open / View

Model

| Name | Last Modification | Creation Date |
|------------------------------------|-------------------|----------------|
| IT Ontology (2) | 05/24/01 16:01 | 05/21/01 13:02 |
| Reuters Corporate Outsourcing (14) | 05/24/01 16:37 | 04/13/01 09:34 |
| Reuters Marketing (2) | 05/26/01 11:03 | 05/24/01 11:45 |

Version

| # | Author | Last Saved | Status | Label |
|---|---------------|----------------|-----------|------------------------------|
| 2 | Winnie Lepooh | 05/26/01 11:03 | Available | Internal Documents and Forms |
| 1 | Pat Postman | 04/27/01 16:23 | Read Only | Corporate Structure |

Find

OK

Cancel

2810 2840 2830

FIG. 28

Find

Define Criteria

Element:

Model Name

Condition:

Contains

Value

IT

Add to List

Model Name contains IT

Match All

Match Any

Find

Delete Line

Model

| Name | Last Modification | Creation Date |
|-----------------|-------------------|----------------|
| IT Ontology (2) | 05/24/01 16:01 | 05/21/01 13:02 |

Versions:

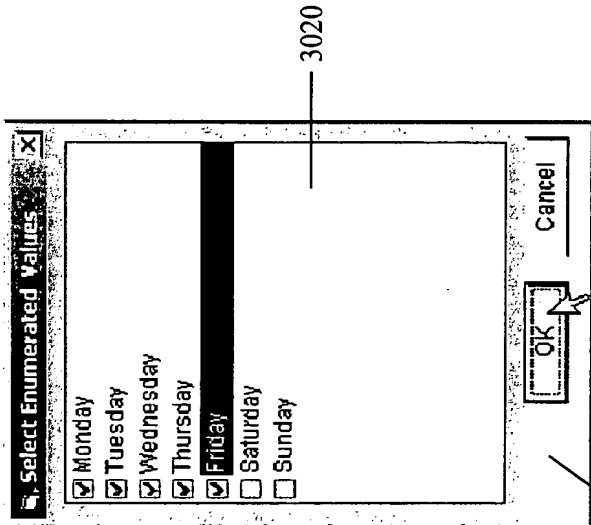
| # | Author | Last Saved | Status | Label |
|---|----------------|----------------|-----------|------------------------------|
| 2 | Winnie Leacock | 05/24/01 16:01 | Available | Internal Documents and Forms |
| 1 | Pat Pastmar | 05/26/01 11:03 | Read Only | Corporate Structure |

OK

Cancel

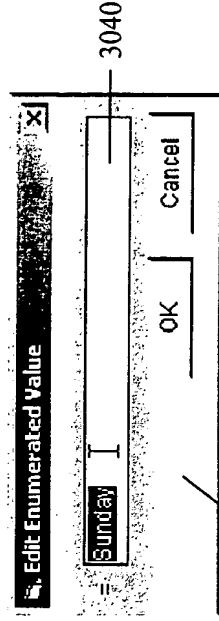
2910

FIG. 29



3010

FIG. 30A



3030

FIG. 30B

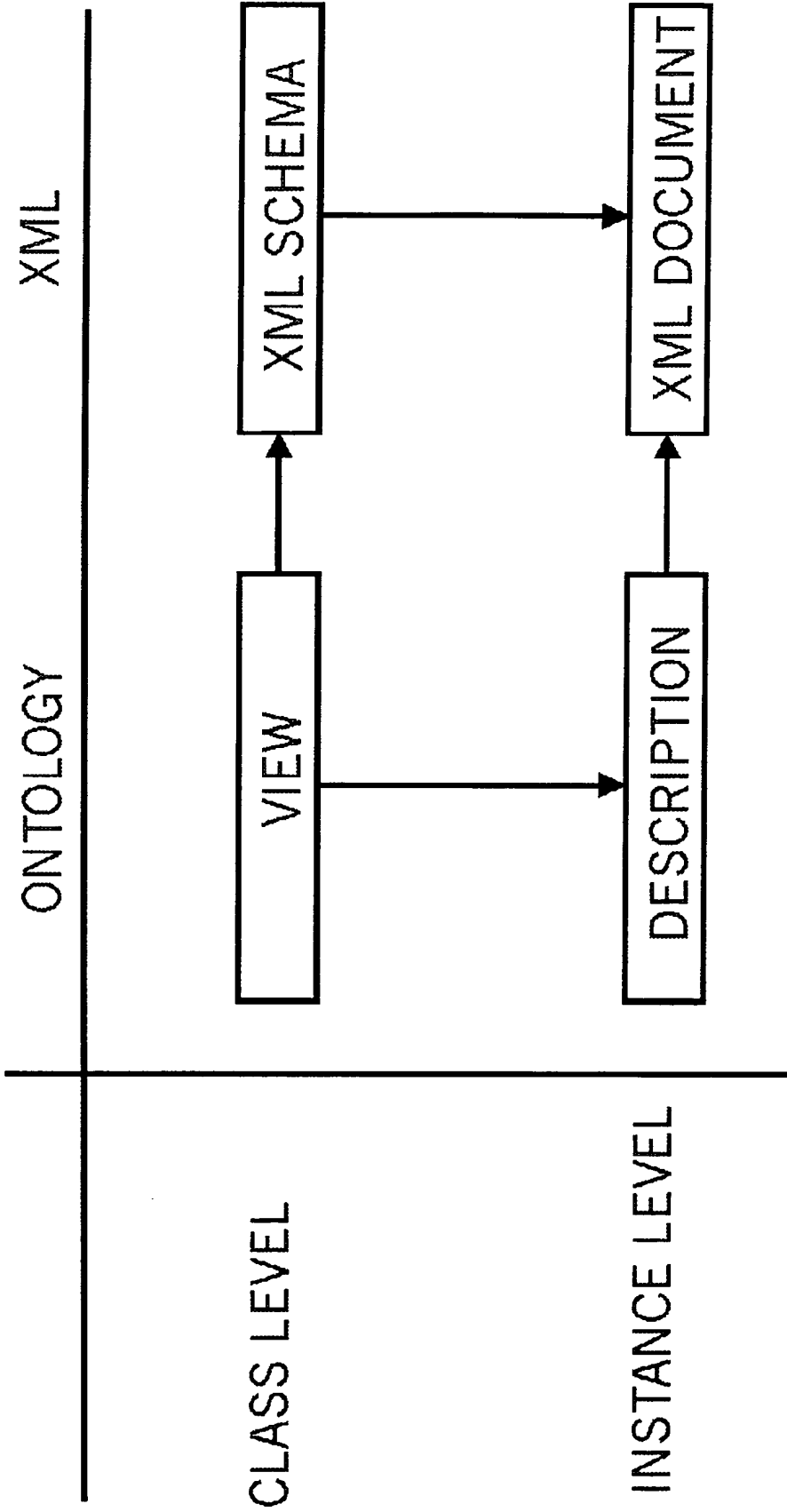


FIG. 31A

FIG. 31B

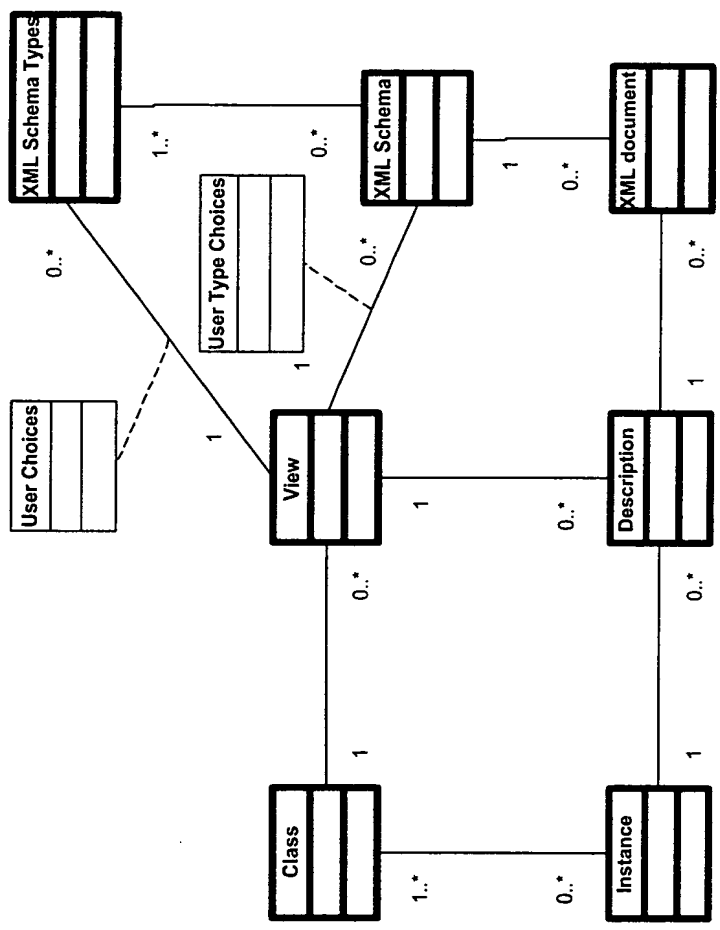


FIG. 31B